



July 12, 2010



Chief, Air Enforcement and Compliance Assurance Branch
Air and Radiation Division (AE-17J)
USEPA, Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3590

Attention: Enforcement Tracker

Subject: United States of America and Michigan Department of Environmental Quality v.
Severstal North America, Inc. – Civil Action Nos. 00-75452 and 00-75454,
USAO File No. 1999 00492, DOJ Case No. 90-5-2-1-2211/1 – Quarterly Report

Per Section V, paragraph 21 of the subject Civil Actions, attached is Severstal's quarterly report for April – June 2010.

The demonstration report for the “B” Blast Furnace Casthouse demonstration, which was completed on September 19, 2002, was submitted on October 16, 2002. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on November 13, 2002. The list of O&M practices and emission control technologies to use on an ongoing basis was incorporated into the Consent Decree on June 25, 2004 as Appendix E. On September 24, 2007, a Stipulation was filed with the Court amending Appendix E which allows termination of the O&M practices upon full operation of a capture-type particulate emission control system.

On January 5, 2008, an eruption in the “B” Blast Furnace resulted in a breach in the furnace shell. The furnace has not been in operation since January 5, 2008 and therefore, Severstal has not been able to utilize the O&M practices in Appendix E nor have we been able to perform the visible emission monitoring required by Section 19(a). A Force Majeure notification was sent to EPA on January 11, 2008. Due to the current market conditions, repairs to “B” Blast Furnace have been temporarily suspended, and Severstal is not yet able to predict the date by which all repairs will be completed. The “B” Blast Furnace will be equipped with a capture-type particulate emission control system when it resumes operation.

The BOF demonstration was completed October 28, 2002, and the demonstration report was submitted on November 22, 2002. After completion of a dispute resolution process regarding O&M practices and emission control technologies to be used at the BOF, a Stipulation regarding BOF O&M practices was filed with the Court on October 25, 2006, and the list of O&M practices to be used at the BOF was filed with the Court and incorporated into the Consent Order on October 30, 2006 as Appendix G. On October 15, 2007, Severstal began operating a baghouse dust collector to control secondary emissions at the BOF. Accordingly, per the

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authorization in Section II of Appendix G Severstal has ceased utilization of the O&M practices set forth in Section II of Appendix G. Severstal is continuing to utilize the O&M practices set forth in Section I of Appendix G. Notice of the operation of the baghouse dust collector and the cessation of the Appendix G, Section II O&M practices was given to EPA by letter dated October 26, 2007.

The demonstration report for the "C" Blast Furnace Casthouse demonstration, which was completed on February 7, 2003, was submitted on February 13, 2003. Rouge Steel received the written notice of compliance from EPA pursuant to paragraph 11(d) on March 17, 2003. The list of O&M practices and emission control technologies to use on an ongoing basis was incorporated into the Consent Decree on June 25, 2004 as Appendix F. On September 24, 2007, a Stipulation was filed with the Court amending Appendix F which allows termination of the O&M practices upon full operation of a capture-type particulate emission control system.

On October 19, 2007, the capture-type particulate emission control system at the "C" Blast Furnace Casthouse became fully operational. Accordingly, as authorized by Appendix F Severstal has ceased utilization of the "Ongoing Operating and Maintenance Practices (restated)" listed in Appendix F. Notice of the operation of the particulate emission control system and the cessation of O&M practices was given to EPA by letter dated October 26, 2007.

Please feel free to contact me at (313) 845-3217, if you have any questions regarding this subject.

Very truly yours,



James E. Earl, Manager
Environmental Engineering

Attachments

cc: Gaylene Vasaturo, Esq.
Ms. Teresa Seidel
Scott R. Dismukes, Esq.

SEVERSTAL DEARBORN, INC.
CIVIL ACTION NOS, 00-75452 AND 0075454

QUARTERLY REPORT FOR APRIL 1 – JUNE 30, 2010

SECTION IV MONITORING	RESULTS
Conduct VE Observation of "C" Blast Furnace Bleeders	See attached VE data sheets and reasons for discharges
Conduct Weekly VE Observations of "B" Blast Furnace Casthouse	No VE data due to January 5, 2008 eruption
Conduct Weekly VE Observations of BOF Roof Monitors	See attached VE data sheets
Conduct Weekly VE Observations of "C" Blast Furnace Casthouse	See attached VE data sheets
VE Observations of "B" Blast Furnace Roof Monitors when burning open taphole	None this quarter
O&M practices and Control Technologies for "B" Blast Furnace	See Exhibit A
O&M practices and Control Technologies for BOF	See Exhibit C
MDEQ ROP Report Certification and Deviation Report	See Exhibit D

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person(s) who manage the system or are directly responsible for gathering the information, the information submitted in this document is true, accurate and complete to the best of my knowledge and belief. I understand that there are penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


Bruce L. Black, Vice President and General Manager


Date

EXHIBIT A
SEVERSTAL DEARBORN, INC.

CIVIL ACTION NOS. 00-75452 AND 00-75454

**APRIL 1 - JUNE 30, 2010
O AND M MONITORING
B BLAST FURNACE**

REQUIREMENT	RESULTS
<u>GENERAL</u>	
Use of natural gas suppression	Furnace not in operation
Tap hole/trough natural gas suppression flow rate \geq 135 scfm	Furnace not in operation
Record taphole/trough natural gas suppression flow rate once per cast	Furnace not in operation
Iron runners/iron spouts natural gas suppression flow rate \geq 207 scfm	Furnace not in operation
Record iron runners/iron spouts natural gas suppression flow rate once per cast	Furnace not in operation
Gas lance usage requirements	Furnace not in operation
Trough and Iron runner covers in place	Furnace not in operation
<u>TAPHOLE AREA</u>	
Taphole Burned open	Furnace not in operation

EXHIBIT A
SEVERSTAL DEARBORN, INC.

CIVIL ACTION NOS. 00-75452 AND 00-75454

**APRIL 1 - JUNE 30, 2010
O AND M MONITORING
B BLAST FURNACE**

REQUIREMENT	RESULTS
Visible emission observations within 5 mintutes of starting burning open of taphole	Furnace not in operation
drill bit <= 2" diameter	Furnace not in operation
Natural gas suppression operating continuously during specified times	Furnace not in operation
TROUGH	
Natural gas suppression operating continuously during specified times	Furnace not in operation
Sealing of covered area	Furnace not in operation
IRON RUNNERS	
Natural gas suppression operating continuously during specified times	Furnace not in operation
IRON SPOUTS	
Natural gas suppression operating continuously during specified times	Furnace not in operation
Heating of iron ladles	Furnace not in operation

EXHIBIT C
SEVERSTAL DEARBORN, INC.

CIVIL ACTION NOS. 00-75452 AND 00-75454

**APRIL 1 - JUNE 30, 2010 O AND M MONITORING
BASIC OXYGEN FURNACE**

REQUIREMENT	RESULTS
GENERAL	
Submit final Emission Control Alternatives to Reduce Emissions from Treadwell Cars Report to MDEQ	Report submitted on January 4, 2007
There shall be no visible emissions escaping into the shop through the expansion joints of the furnace hoods during oxygen blowing	Met every heat
HOT METAL CHARGING	
Hot metal charge into furnace shall not be less than 90 seconds in duration	No longer required
Furnace angle shall not be less than 320 degrees from the vertical at the beginning of the charge. The furnace angle shall not be less than 300 degrees at the end of charge, except when the hot metal charge duration is at least 120 seconds	No longer required
Humidification steam shall be in operation during hot metal charge	No longer required
Fugitive emission duct damper shall be fully opened during hot metal charge	No longer required
The furnace exhaust damper shall be fully opened during hot metal charge	No longer required
Area between the fugitive emission duct hood and furnace exhaust hood shall be totally covered with shrouds	No longer required

EXHIBIT C
SEVERSTAL DEARBORN, INC.

CIVIL ACTION NOS. 00-75452 AND 00-75454

**APRIL 1 - JUNE 30, 2010 O AND M MONITORING
BASIC OXYGEN FURNACE**

REQUIREMENT	RESULTS
OXYGEN BLOWING	
Fugitive emission duct damper shall be closed during oxygen blowing	No longer required
The furnace exhaust damper shall be fully opened during oxygen blowing	No longer required
Oxygen blow rate shall not exceed 24,500 scfm	No longer required
Oxygen blow rate shall be reduced to approximately 18,000 scfm during and between minutes 8 and 14 of the blow	No longer required
TURNDOWN	
If any emissions during initial turndown that are not captured by the furnace hood, upright vessel. If during a second turndown, there are any emissions that are not captured by the hood, there shall be no more turndowns for that heat	No longer required
TAPPING	
The furnace exhaust hood shall be used to capture emissions from all tapping operations until any addition of conditioners to the steel ladle are complete	No longer required

EXHIBIT C
SEVERSTAL DEARBORN, INC.

CIVIL ACTION NOS. 00-75452 AND 00-75454

**APRIL 1 - JUNE 30, 2010 O AND M MONITORING
BASIC OXYGEN FURNACE**

REQUIREMENT	RESULTS
ESP	
Visible emission reading for the ESP stack for two consecutive hours each day one or more complete compartments is out of service	No longer required
VESSEL OPERATIONS	
Shall not hot metal charge and tap and hot metal charge and oxygen blow simultaneously	No longer required

EXHIBIT D



RENEWABLE OPERATING PERMIT REPORT CERTIFICATION

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

Reports submitted pursuant to R 336.1213 (Rule 213), subrules (3)(c) and/or (4)(c), of Michigan's Renewable Operating Permit (ROP) program must be certified by a responsible official. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environmental Quality, Air Quality Division upon request.

Source Name Severstal Dearborn, Inc. County Wayne

Source Address 4001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

Please check the appropriate box(es):

Annual Compliance Certification (Pursuant to Rule 213(4)(c))

- Reporting period (provide inclusive dates): From _____ To _____
1. During the entire reporting period, this source was in compliance with ALL terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference. The method(s) used to determine compliance is/are the method(s) specified in the ROP.
2. During the entire reporting period this source was in compliance with all terms and conditions contained in the ROP, each term and condition of which is identified and included by this reference, EXCEPT for the deviations identified on the enclosed deviation report(s). The method used to determine compliance for each term and condition is the method specified in the ROP, unless otherwise indicated and described on the enclosed deviation report(s).

Semi-Annual (or More Frequent) Report Certification (Pursuant to Rule 213(3)(c))

Reporting period (provide inclusive dates): From _____ To _____

1. During the entire reporting period, ALL monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred.
2. During the entire reporting period, all monitoring and associated recordkeeping requirements in the ROP were met and no deviations from these requirements or any other terms or conditions occurred, EXCEPT for the deviations identified on the enclosed deviation report(s).

Other Report Certification

Reporting period (provide inclusive dates): From 04/01/10 To 06/30/10

Additional monitoring reports or other applicable documents required by the ROP are attached as described:

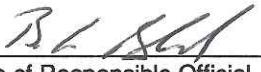
United States of America and Michigan Department of Environmental Quality v.

Severstal North America, Inc. - Civil Action Nos. 00-75452

and 00-75454, USAO File No. 1999 00492, DOJ Case No.90-5-2-1-2211/1 - Quarterly Report

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in this report and the supporting enclosures are true, accurate and complete

Bruce L. Black Name of Responsible Official (print or type)	V. P. and General Manager Title	(313) 317-8955 Phone Number
--	------------------------------------	--------------------------------


1/13/13
Signature of Responsible Official Date



MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY
AIR QUALITY DIVISION

**RENEWABLE OPERATING PERMIT
DEVIATION REPORT**

Authorized by 1994 P.A. 451, as amended. Failure to provide this information may result in civil and/or criminal penalties.

This form may be submitted in conjunction with the Renewable Operating Permit Report Certification form (EQP 5736) to report deviations from all general conditions and special conditions in the Renewable Operating Permit (ROP) for which deviations required to be reported by R 336.1213 (Rule 213) subrule (3)(c) have occurred. Additional information regarding the reports and documentation listed below must be kept on file for at least 5 years, as specified in Rule 213(3)(b)(ii), and be made available to the Department of Environmental Quality, Air Quality Division, upon request. Items 1 - 8 must be completed for all deviations being reported.

Source Name Severstal Dearborn, Inc. County Wayne

Source Address 4001 Miller Road City Dearborn

AQD Source ID (SRN) A8640 ROP No. 199700004 ROP Section No. 1

ROP Section Contact James E. Earl Contact Phone No. (313) 845-3217

Reporting Period (provide inclusive dates): From 04/01/10 to 06/30/10

Report Type: Annual Semi Annual Other (Describe) USEPA Consent Decree Quarterly Report

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>III.B.3.1</u>	3. Date(s) of Occurrence <u>Starting 04/1/10</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>13 weeks</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Did not conduct weekly visible emission observations of roof monitor. See our January 11, 2008 letter to EPA for details.		
8. Reason for Deviation and Description of Corrective Action Taken Due to an eruption of B Blast Furnace on January 5, 2008, B Blast Furnace has not been in operation and therefore, Severstal was unable to perform the visible observations.				

1. Group or Source Wide ID <u>EGCBFBLEEDERS</u>	2. Condition No. <u>II.B</u>	3. Date(s) of Occurrence <u>5/19/10</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>12 minutes</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation The highest six minute average opacity was 37% from the C BF bleeders.		
8. Reason for Deviation and Description of Corrective Action Taken Occurred during shutdown of furnace. Furnace was shutdown in accordance with our Startup Shutdown and Malfunction plan and shutdown procedures. No root cause has been determined.				

1. Group or Source Wide ID <u>EGBBFCASTHOUSE</u>	2. Condition No. <u>V.3</u>	3. Date(s) of Occurrence <u>Starting 04/1/10</u>	4. Previously reported ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, Date	5. Duration of Deviation <u>91 days</u>
6. Method Used to Determine Compliance Status (if different from method specified in ROP)		7. Description of Deviation Operation and maintenance practices were not utilized on an ongoing basis. See our January 11, 2008 letter to EPA for details.		
8. Reason for Deviation and Description of Corrective Action Taken Due to an eruption of B Blast Furnace on January 5, 2008, B Blast Furnace has not been in operation and therefore, Severstal was unable to utilize the operation and maintenance practices.				

SEVERSTAL DEARBORN, INC.

C BLAST FURNACE BLEEDER DISCHARGES
2ND QUARTER 2010

Date	Bleeders Opened	Visible Emissions Reading Start Time	Emissions End Time	Reason for Bleeder Discharge	Steps taken to minimize future discharges
4/22/2010	11:26 AM	11:26 AM	11:38 AM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to changing #1 tuyere	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
5/4/2010	12:47 PM	12:47 PM	12:56 PM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to replacing #4 stove mixer and expansion joint	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
5/9/2010	2:03 PM	2:03 PM	2:14 PM	Bleeders opened as part of shutdown procedures (stuck slab)	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
5/19/2010	5:59 PM	5:59 PM	6:14 PM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to Caster problems (breakout)	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
6/6/2010	6:23 AM	6:32 AM	6:32 AM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to Caster problems	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
6/21/2010	11:54 AM	11:54 AM	11:55 AM	Reseated leaking north bleeder to insure proper seal	Blast pressure was reduced and bleeder open time was minimized
6/24/2010	8:12 AM	8:26 AM	8:27 AM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to mudgun problems and could not plug the taphole	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.
6/24/2010	10:46 AM	10:46 AM	10:47 AM	Reseated leaking south bleeder to insure proper seal	Blast pressure was reduced and bleeder open time was minimized
6/25/2010	1:45 PM	1:45 PM	1:54 PM	Bleeders opened as part of shutdown procedures during shutdown of blast furnace due to Caster problems (fire)	Shutdown procedures and SSM plan followed, including use of revised blast pressure of 5 lbs.

Prepared by: J. E. Earl

July 12, 2010

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4-22-10
OBSERVER:	L. Trinh
START:	11:26 am
FINISH:	11:44 am
Source:	"C" Furnace Bleedas
Observation Point	
Miller Rd. Parking lot "S" of "C" Furnace	
distance from:	50' N
direction from:	SE
source height:	250'
wind direction	E
wind speed	1-5 mph
sky condition	Clear
amb. temp. (F)	48°F
color of emissions	Black & Brown
other:	
Remarks:	
<ul style="list-style-type: none"> - Steam injection - Start time @ 	
11:26 AM.	
Observer's Signature	
	

11:50											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	40	40	40	35	
1						31	30	30	25	25	
2						32	25	20	25	15	
3						33	10	15	10	5	
4						34	5	10	5	5	
5						35	5	5	5	5	
6						36	5	5	5	5	
7						37	5	5	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26	60	10	10	10		56					
27	10	10	15	10		57					
28	10	10	10	10		58					
29	10	10	10	10		59					

Last Certification Date

4/2010

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5/4/10
OBSERVER:	R.BINCHAM
START:	am 12:46 (pm)
FINISH:	am 1:00 (pm)
Source:	PLANT FURNACE C BLEEDERS
Observation Point	WEST SIDE OF BOAT SLIP
distance from:	600'
direction from:	SW
source height:	150'-200'
wind direction SW	
wind speed 15-20 mph	
sky condition SCATTERED	
amb. temp. (F) 65°-70°	
color of emissions	CWHITE UNLESS NOTED
other;	
Remarks;	<input checked="" type="checkbox"/> BLACK COLOR
Observer's Signature	R.Bincham

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46	○	○	○	○	
17						47	○	○	30	20	A
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	40	30	10	0	A
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	10	10	A
24						54	10	0	0	15	A
25						55	10	5	5	0	A
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

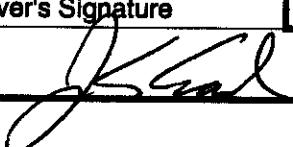
DATE:	5/9/10
OBSERVER:	J. Earl
START:	am 2:03 pm
FINISH:	am 2:19 pm
Source:	CBF Bleeders
Observation Point	Row
distance from:	1000'
direction from:	W
source height:	250'
wind direction	NW
wind speed	10-15
sky condition	Clear
amb. temp. (F)	48
color of emissions	Black/Gray
other:	
Remarks:	Bleeders opened at 2:03 PM
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3	0	0	60	45		33					
4	40	40	35	30		34					
5	30	30	20	20		35					
6	25	20	15	15		36					
7	15	10	10	10		37					
8	10	10	10	15		38					
9	10	10	10	10		39					
10	10	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	5		42					
13	5	5	5	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

April, 2010

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5-19-10
OBSERVER:	
START:	am 5:59 pm
FINISH:	am 6:19 pm
Source:	C BF Bleeders
Observation Point	West Boat Slip Road
distance from:	800'
direction from:	NW
source height:	250'
wind direction	SE
wind speed	0-5 mph
sky condition	Cloudy
amb. temp. (F)	74
color of emissions	Black/Gray
other:	Bleeders opened at 5:59 PM
Remarks:	- moved location was not perp. to plume
Observer's Signature	

6:00 AM						6:15 AM					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	-	-	-	-		30					
1	40	40	35	35		31					
2	35	30	30	30		32					
3	30	80	80	75		33					
4	70	70	55	50		34					
5	45	50	50	50		35					
6	40	40	40	40		36					
7	35	35	30	30		37					
8	30	45	30	30		38					
9	20	20	20	20		39					
10	20	20	20	20		40					
11	20	20	20	20		41					
12	10	10	10	10		42					
13	10	10	10	10		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29					5+	59	100	-	-	-	

Last Certification Date

April 2010

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-6-10
OBSERVER:	J. Earl
START:	6:32 am pm
FINISH:	6:38 am pm
Source:	CBF Bleachers
Observation Point	Memorial Parkng
distance from:	500
direction from:	NE
source height:	250'
wind direction	NW
wind speed	15-20
sky condition	Overcast
amb. temp. (F)	61
color of emissions	Gray / Black
other:	
Remarks:	Bleachers
Opened at 6:23 AM	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
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28						58					
29						59					

Last Certification Date

April 2010

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

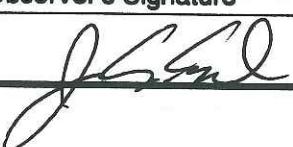
DATE: 6/21/10
OBSERVER: R. Bingham
START: 11:54 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH: am 12:00 <input checked="" type="checkbox"/>
Source:
BLAST FURNACE C
NORTH BLEEDER
Observation Point
NEAR FENCE 3/4 OF PLI
STORAGE SILO
distance from: 700'
direction from: E
source height:
100'-150'
wind direction SSE
wind speed 5-10 mph
sky condition BROKEN
amb. temp. (F) 75°-80°
color of emissions
BLOCK
other:
Remarks:
<i>Popped North bleeder to reseal</i>
Observer's Signature

11:00						11:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54	80	60	30		
25						55	5	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

R. Bingham

Last Certification Date 4/2/10

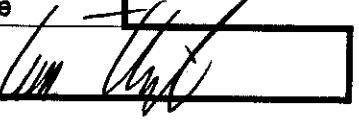
SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6-24-10
OBSERVER:	J. Earl
START:	8:26 am
FINISH:	8:26 am
Source:	C BF Bleeders
Observation Point	PCI exit on Miller Road
distance from:	800'
direction from:	E
source height:	250'
wind direction	NW
wind speed	10-15
sky condition	Pt. Cloudy
amb. temp. (F)	72
color of emissions	White / Gray
other:	
Remarks:	Emergency shutdown Bleeders opened at 8:12AM
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26	10	< 10	15			56					
27					Bleeders	57					
28					Closed	58					
29						59					

Last Certification Date April 2010

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6/24/10			
OBSERVER:	L. Lohm			
START:	10:30 am	pm		
FINISH:	am	pm		
Source:	"C" S. Bleeder			
Observation Point	'CBF' Miller Rd. Drinking hole			
distance from:	1000'			
direction from:	SE			
source height:	250'			
wind direction	SW			
wind speed	1 - 5 mph			
sky condition	Scattered			
amb. temp. (F)	72°F			
color of emissions	Gray, white			
other:				
Remarks:	<ul style="list-style-type: none"> * Reaching @ 10:30am "S" Bleeder (leak) *+ "S" Bleeder opened @ 10:46 am 			
Observer's Signature				

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	10	20	20	25	
1						31	20	15	15	15	
2						32	15	15	15	15	
3						33	15	15	15	15	
4						34	15	15	15	15	
5						35	15	15	15	15	
6						36	15	15	15	15	
7						37	10	10	15	10	
8						38	10	10	10	15	
9						39	10	10	15	15	
10						40	20	15	10	10	
11						41	10	10	10	10	
12						42	10	10	15	10	
13						43	15	10	15	10	
14						44	15	10	5	5	
15						45	5	5	5	5	
16						46	5	50	25	5	
17						47	5	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date

1/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6/25/10
OBSERVER:	L. Trinh
START:	am 1:45 pm
FINISH:	am 2:10 pm
Source:	'C' BF Bleeders
Observation Point	W. Boat Slip or W. "C" Furnace
distance from:	750'
direction from:	West
source height:	250'
wind direction	NW
wind speed	1-5 mph
sky condition	Clear
amb. temp. (F)	75°F
color of emissions	Gray, white
other;	Weather overcast @ 1:45 pm
Remarks:	
Observer's Signature	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date


4/2010

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6/25/2010
OBSERVER:	L. Trinh
START:	am 1:45 pm
FINISH:	am pm
Source:	"C" BF Bleeders
Observation Point	
West Boat Slip	
S.West "C" Furnace	
distance from:	750'
direction from:	West
source height:	250'
wind direction	1 - 5 NW
wind speed	1 - 5 mph
sky condition	Clean
amb. temp. (F)	75°F
color of emissions	Gray, white
other;	
Remarks:	
Bleeders opened	
② 1:45 pm	

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45	60	40	40	25	
16						46	25	25	25	25	
17						47	15	15	15	15	
18						48	10	20	15	15	
19						49	15	60	35	20	
20						50	10	10	10	10	
21						51	5	5	5	5	
22						52	5	5	5	0	
23						53	5	5	5	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	0	
29						59	0	0	0	0	

Observer's Signature



Last Certification Date

4/2010

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/5/10
OBSERVER: R. BURGESS
START: am 1:34 <input checked="" type="checkbox"/>
FINISH: am 3:28 <input checked="" type="checkbox"/>
Source:
BLAST FURNACE C
NORTH EAST HOUSE
Observation Point
WEST SIDE OF BOAT SLIP
distance from: 900'
direction from: W
source height:
75'-100'
wind direction WNW
wind speed 10-15 MPH
sky condition SCATTERED
amb. temp. (F) 70°-75°
color of emissions
WHITE UNLESS NOTED
other,
DRILLED AT 1:55
PLUGGED AT 3:23
Remarks:
△ RUSTY/BROWN COLOR
Observer's Signature

3:20											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	15	20	20	△	53					
24	5	○	○	○	4	54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28						58					
29						59					

R. Burgess

Last Certification Date 10/07/09

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4/5/10
OBSERVER:	R. BINGHAM
START:	am 1:34 (pm)
FINISH:	am 3:28 (pm)
Source:	BLAST FURNACE C
	NOKES CAST HOUSE
Observation Point	
	WEST SIDE OF BOAT SLIP
distance from:	800'
direction from:	W
source height:	75'-100'
wind direction	WNW
wind speed	10-15 MPH
sky condition	CLUM
amb. temp. (F)	70'-75'
color of emissions	
UNITS UNLESS NOTED	
other:	DRILLED AT 1:53' PLUGGED AT 3:23'
Remarks:	
Observer's Signature	<i>R. BINGHAM</i>

2:00

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Last Certification Date 10/07/09

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4/5/10
OBSERVER:	R. BINGHAM
START:	am 1:34 (pm)
FINISH:	am 3:28 (pm)
Source:	BLAST FURNACE C NORTH CAST HOUSE Observation Point WEST SIDE OF BOAT SLIP
distance from:	900'
direction from:	W
source height:	75'-100'
wind direction	WNW
wind speed	10-15 mph
sky condition	CLEAR
amb. temp. (F)	70°-75°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 1:55 PLUGGED AT 3:23
Remarks:	
Observer's Signature	R. BINGHAM

1:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 10/07/09

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/14/10
OBSERVER: R. BINGHAM
START: 8:40 am pm
FINISH: 10:20 (am) pm
Source:
BLAST FURNACE C
NORTH COAST HOUSE
Observation Point
PHYSICAL FITNESS PARKING LOT
distance from: 700'
direction from: NE
source height:
75'-100'
wind direction 65°
wind speed 0-5 MPH
sky condition SCATTERED
amb. temp. (F) 50°-55°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 8:44
RUGGED AT 10:14
Remarks:
△ RUSTY/YELLOW COLOR
Observer's Signature

10:00						10:30					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	15	10	10	10		30					
1	10	10	15	15		31					
2	15	15	15	15		32					
3	15	15	10	10		33					
4	5	10	5	10		34					
5	10	10	5	5		35					
6	5	10	10	5		36					
7	5	5	10	10		37					
8	10	0	5	5		38					
9	0	0	5	5		39					
10	5	10	5	10		40					
11	10	5	5	5		41					
12	5	15	20	15	△	42					
13	15	10	15	10	△	43					
14	10	10	10	10	△	44					
15	5	5	5	5	△	45					
16	5	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Observer's Signature

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/14/10
OBSERVER: R. BINGHAM
START: 8:40 am pm
FINISH: 10:20 am pm
Source:
BLAST FURNACE C
NORTH CAST HOUSE
Observation Point
PYHICAL FITNESS PARKING
Lot
distance from: 700'
direction from: NE
source height:
75'-100'
wind direction ENE
wind speed 0-5 MPH
sky condition BROKEN
amb. temp. (F) 45°-50°
color of emissions
CLARIFY UNLESS NOTED
other:
DRILLED AT 8:44
PLUGGED AT 10:14
Remarks:
Observer's Signature

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	5	0	0	
6	0	0	0	0		36	0	0	5	0	
7	0	0	0	0		37	0	0	5	5	
8	0	0	0	0		38	0	5	0	0	
9	0	0	0	0		39	0	0	0	5	
10	0	0	0	0		40	5	5	0	5	
11	0	0	0	0		41	5	5	10	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	5	5	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	10	10	
17	0	0	0	0		47	5	5	5	0	
18	0	0	0	0		48	0	5	5	5	
19	0	0	0	0		49	5	5	0	0	
20	0	0	0	0		50	5	0	5	5	
21	0	0	0	0		51	5	0	5	5	
22	0	0	0	0		52	5	10	10	10	
23	0	0	0	0		53	10	10	15	15	
24	0	0	0	0		54	10	15	15	15	
25	0	0	0	0		55	15	10	15	10	
26	0	0	0	0		56	15	10	10	5	
27	0	0	0	0		57	10	10	15	15	
28	0	0	0	0		58	10	10	15	10	
29	0	0	0	0		59	10	10	15	15	

R. BINGHAM

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/14/10
OBSERVER: R. BINGHAM
START: 8:40 (am) pm
FINISH: 10:20 (am) pm
Source:
BLAST FURNACE C
NORTH COST HOUSE
Observation Point
PMSL FIREMSS PARKING
LOT
distance from: 700'
direction from: NE
source height:
75'-100'
wind direction E
wind speed 0-5 MPH
sky condition BROKEN
amb. temp. (F) 45°-50°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 8:44
PLUGGED AT 10:14
Remarks:
Observer's Signature

8:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11						41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12						42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13						43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14						44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15						45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16						46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17						47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18						48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19						49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20						50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21						51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22						52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23						53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24						54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25						55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26						56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27						57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28						58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29						59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/19/10
OBSERVER: R. BINGHAM
START: am 12:15 pm
FINISH: am 2:35 pm
Source:
BLAST FURNACE C
CASE CASE HOUSE
Observation Point
DIRT AREA OFF OF ROAD "B"
distance from: 700'
direction from: S
source height:
75'-100'
wind direction NNE
wind speed 5-10 MPH
sky condition SCATTERED
amb. temp. (F) 60°-65°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 12:24
PLUGGED AT 2:30
CALLED IPO
Remarks:
(1) RUSTY COLOR
(2) WHITE FROM GROUND
Observer's Signature
<i>R.B. J.</i>

2:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	0	0	0		30	5	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	5	5	(1)	37					
8	5	5	5	5		38					
9	5	5	5	5		39					
10	5	5	5	5		40					
11	5	5	5	5		41					
12	5	5	5	10		42					
13	10	10	10	10		43					
14	5	10	10	10		44					
15	10	10	10	10		45					
16	10	10	10	10		46					
17	10	15	15	10		47					
18	10	10	10	10		48					
19	5	5	10	10		49					
20	15	10	10	10		50					
21	10	5	5	5		51					
22	5	5	5	5		52					
23	5	5	5	5		53					
24	0	5	5	5		54					
25	5	5	5	10		55					
26	5	10	30	50	(1)	56					
27	50	30	20	15	(1)	57					
28	5	5	5	5	(1)	58					
29	5	0	0	5		59					

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4/19/10
OBSERVER:	R. BINGHAM
START:	am 12:15 pm
FINISH:	am 2:35 pm
Source:	Blast Furnace C East Cast House
Observation Point	Dier Area off of Road "B"
distance from:	700'
direction from:	S
source height:	75'-100'
wind direction	NNW
wind speed	5-10 MPH
sky condition	Scattered
amb. temp. (F)	55°-60°
color of emissions	White unless noted
other:	DRILLED AT 12:24 PLUGGED AT 2:30 CALLED IPO
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR <input checked="" type="checkbox"/> WHITE FLAT GROUND
Observer's Signature	R. BINGHAM

1:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	5	5	0	5	<input checked="" type="checkbox"/>	31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	5	<input checked="" type="checkbox"/>
4	0	0	0	0		34	5	5	0	5	<input checked="" type="checkbox"/>
5	0	0	0	0		35	5	5	0	0	<input checked="" type="checkbox"/>
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	5	5	5	
25	0	0	0	0		55	0	0	5	0	
26	0	0	0	0		56	5	5	5	5	
27	0	0	0	0		57	5	5	0	5	
28	0	0	0	0		58	5	5	0	5	
29	0	0	0	0		59	5	5	5	5	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4/19/10
OBSERVER:	R. BINGHAM
START:	am 12:15 <input checked="" type="radio"/>
FINISH:	am 2:35 <input checked="" type="radio"/>
Source:	BLAST FURNACE C CAST CAST HOUSE Observation Point Dirt area off of road "B"
distance from:	700'
direction from:	5
source height:	75'-100'
wind direction	NW
wind speed	5-10 MPH
sky condition	SCATTERED
amb. temp. (F)	55°-60°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 12:24 PLUGGED AT 2:30 CALLED IPO
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature	R. Bingham

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
1						31	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
2						32	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
3						33	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
4						34	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
5						35	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
6						36	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
7						37	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
8						38	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
9						39	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
10						40	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
11						41	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
12						42	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
13						43	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
14						44	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
15	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		45	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		46	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
17	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		47	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
18	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		48	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		49	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
20	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		50	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
21	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		51	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
22	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		52	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
23	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		53	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
24	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	30	30	<input checked="" type="checkbox"/>	54	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
25	40	30	25	20	<input checked="" type="checkbox"/>	55	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
26	15	5	5	5	<input checked="" type="checkbox"/>	56	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
27	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		57	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
28	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		58	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
29	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		59	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/28/10
OBSERVER: R. B. Worn
START: am 1:10 (pm)
FINISH: am 2:45 (pm)
Source:
BLAST FURNACE C
EAST CAST HOUSE
Observation Point
DIREC AREA OFF OF ROAD "B"
distance from: 600'
direction from: S
source height:
75'-100'
wind direction NW
wind speed 5-10 MPH
sky condition BROKEN
amb. temp. (F) 55°-60°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 1:12
PLUGGED AT 2:39
Remarks:
(1) BROWN - FROM GROUND
(2) LIGHT RUSTY COLOR
Observer's Signature

2:00						2:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	0	0	
2	0	0	0	0		32	5	10	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	0	
5	5	0	0	0		35	5	5	0	0	
6	0	0	0	0		36	5	5	5	10	
7	0	0	0	0		37	10	10	10	10	1/2
8	0	0	0	0		38	15	10	10	15	2/2
9	0	0	0	0		39	15	10	10	10	2/2
10	0	0	0	0		40	5	5	5	5	
11	0	0	0	0		41	5	5	5	5	
12	0	5	0	0		42	5	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	5	0	0	0		44	0	0	0	0	
15	0	0	0	0		45					
16	0	0	0	0		46					
17	5	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	5	0		50					
21	0	0	0	0		51					
22	0	0	5	5		52					
23	5	5	5	5		53					
24	5	5	5	5		54					
25	5	5	5	5		55					
26	5	5	0	5		56					
27	5	0	5	5		57					
28	5	5	5	5		58					
29	5	5	5	5		59					

R. B. Worn

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/28/10
OBSERVER: R.BINGHAM
START: am 1:10 (pm)
FINISH: am 2:45 (pm)
Source:
BLAST FURNACE C
EAST COST HOUSE
Observation Point
INTER AREA OFF OF ROAD "B"
distance from: 600'
direction from: S
source height:
75'-100'
wind direction WNW
wind speed 5-10 mph
sky condition BROKEN
amb. temp. (F) 55°-60°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 1:12
PLUGGED AT 2:37
Remarks:
⚠ BROWN - FROM GROUND
Observer's Signature

100											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	15	5	⚠
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	5	○	15	15	⚠
25	○	○	○	○		55	10	5	○	○	⚠
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

R.Bing

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/7/10
OBSERVER: R. BINGHAM
START: 7:20 am pm
FINISH: 11:32 am pm
Source:
BLAST FURNACE C
EAST CAST House
Observation Point
DIRT AREA OFF OF ROAD "B"
distance from: 600'
direction from: S
source height:
75'-100'
wind direction ESE
wind speed 5-10 mph
sky condition overcast/rain
amb. temp. (F) 45°-50°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 7:27
PLUGGED AT 11:26
Remarks:
1 BROWN FROM GROUND LEVEL
SPILL-OVER
2 RUSTY COLOR
Observer's Signature

11:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32					
3	5	5	0	0	A	33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	5	A	55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	6		58					
29	○	○	○	○		59					

R. BINGHAM

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5/7/10
OBSERVER:	R. BINGHAM
START:	9:20 am pm
FINISH:	11:32 am pm
Source:	BLAZER FURNACE C
	EAST COAST NOISE
Observation Point	
	DIST. FROM OFF OF ROAD "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction GNG	
wind speed 5-10 mph	
sky condition overcast / rain	
amb. temp. (F) 50°-55°	
color of emissions	
UNDEF UNLESS NOTED	
other:	
DRILLED AT 9:27	
PUNCHED AT 11:26	
Remarks:	 1 BROWN FROM GROUND LEVEL SPILL-OVER 2 RUSTY COLOR
Observer's Signature	R. Bingham

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	20	10	10	A
27	○	○	○	○		57	5	○	○	○	A
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/7/10
OBSERVER: R.BINGHAM
START: 9:20 am pm
FINISH: 11:32 am pm
Source:
Blast Furnace C
East Cast House
Observation Point
Down area off of road "B"
distance from: 600'
direction from: S
source height:
75'-100'
wind direction E
wind speed 5-10 MPH
sky condition overcast/overcast
amb. temp. (F) 50-55°
color of emissions
CLOUDY UNLESS NOTED
other:
DRILLED AT 7:27
PLUGGED AT 11:26
Remarks:
<input checked="" type="checkbox"/> 1 BROWN FROM GROUND LEVEL
<input type="checkbox"/> SPILL-OVER
<input checked="" type="checkbox"/> 2 EUSTY COLOR
Observer's Signature

9:00					REMARKS	9:00					REMARKS
MIN	0	15	30	45		MIN	0	15	30	45	
0						30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1						31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2						32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3						33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4						34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5						35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6						36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7						37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8						38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9						39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10						40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11						41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12						42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13						43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14						44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15						45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16						46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17						47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18						48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19						49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

R.B.I.

Last Certification Date 4/7/10

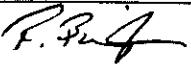
SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5/10/10
OBSERVER:	R. BINGHAM
START:	am 12:00 <input checked="" type="checkbox"/> PM
FINISH:	am 1:20 <input checked="" type="checkbox"/> PM
Source:	BLAST FURNACE C EAST CAST HOUSE Observation Point DINT AREA OFF OF ROAD "B" distance from: 600'
direction from:	5
source height:	75'-100'
wind direction	NE
wind speed	5-10 mph
sky condition	CLEAR
amb. temp. (F)	50°-53°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 12:04 PLUGGED AT 1:15
Remarks:	<input checked="" type="checkbox"/> 1 BROWN FROM GROUND SPILL <input checked="" type="checkbox"/> 2 RUSTY COLOR
Observer's Signature	P. Bingham

1:00						1:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	5	0		31					
2	0	0	0	0		32					
3	0	5	0	5		33					
4	5	0	0	0		34					
5	0	5	5	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5/10/10
OBSERVER:	R. BINGHAM
START:	am 11:00 <input checked="" type="radio"/>
FINISH:	am 1:20 <input checked="" type="radio"/>
Source:	BLAST FURNACE C EAST CAST HOUSE
Observation Point	DIST MIA OFF OF ROAD "B"
distance from:	600'
direction from:	S
source height:	75'-100'
wind direction	NNE
wind speed	5-10 MPH
sky condition	CLEAR
amb. temp. (F)	50-55°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 12:04 PLUGGED AT 1:15
Remarks:	<input checked="" type="checkbox"/> BROWN FROM GROUND <input checked="" type="checkbox"/> SPILL <input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature	

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	5	0	5	5	
13	○	○	○	○		43	0	0	0	0	
14	○	○	○	○		44	0	0	0	0	
15	○	○	○	○		45	0	0	0	5	
16	○	○	○	○		46	5	0	0	0	
17	○	○	○	○		47	0	0	0	0	
18	○	○	○	○		48	0	0	0	0	
19	○	○	○	○		49	0	0	0	0	
20	○	○	○	○		50	0	0	0	0	
21	○	○	○	○		51	0	0	0	0	
22	○	○	○	○		52	0	0	0	0	
23	○	○	○	○		53	0	0	0	5	
24	○	○	○	○		54	5	0	0	5	
25	○	○	○	○		55	0	0	5	15	<input checked="" type="checkbox"/>
26	○	○	○	○		56	10	10	0	40	<input checked="" type="checkbox"/>
27	○	○	○	○		57	40	30	20	15	<input checked="" type="checkbox"/>
28	○	○	○	○		58	15	10	5	5	<input checked="" type="checkbox"/>
29	○	○	○	○		59	0	0	0	0	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/17/10
OBSERVER: R. Bingham
START: 10:32 <input checked="" type="radio"/> am <input type="radio"/> pm
FINISH: 11:20 <input checked="" type="radio"/> am <input type="radio"/> pm
Source:
BLAST FURNACE C
EAST CAST HOUSE
Observation Point
DIRT AREA OFF OF ROAD "B"
distance from: 600'
direction from: S
source height:
75'-100'
wind direction ENE
wind speed 10-15 MPH
sky condition overcast
amb. temp. (F) 60°-65°
color of emissions
WHITE OR LIGHT GREY
other,
DRILLED AT 10:33
PLUGGED AT 11:25
Remarks:
Observer's Signature

11:00						11:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

R. Bingham

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/17/10
OBSERVER: R. BINGHAM
START: 10:32 (am) pm
FINISH: 11:30 (am) pm
Source:
BLAST FURNACE C
EAST CAST HOUSE
Observation Point
Dia. area off of road "B"
distance from: 600'
direction from: S
source height:
75'-100'
wind direction: E
wind speed 5-10 MPH
sky condition overcast
amb. temp. (F) 60°-65°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 10:33
PLUGGED AT 11:25
Remarks:
Observer's Signature

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3						33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4						34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5						35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6						36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7						37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8						38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9						39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10						40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11						41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12						42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13						43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14						44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15						45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16						46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17						47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18						48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19						49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20						50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21						51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22						52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23						53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24						54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25						55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26						56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27						57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28						58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29						59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/24/10
OBSERVER: R. Binkley
START: 11:30 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH: am 1:00 <input checked="" type="checkbox"/> pm
Source:
BLAST FURNACE C
EAST COAST HOUSE
Observation Point
100' AREA OFF OF ROAD "B"
distance from: 600'
direction from: S
source height:
75'-100'
wind direction SSE
wind speed 0-5 MPH
sky condition CLOUDY
amb. temp. (F) 80°-85°
color of emissions
WHITE UNLESS NOTED
other,
DRILLED AT 11:38
PLUGGED AT 12:52
Remarks;
<input checked="" type="checkbox"/> BRUSH COLOR
Observer's Signature
R. Binkley

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	5	5	
9	0	0	0	0		39	5	10	10	5	
10	0	0	0	0		40	5	5	5	5	
11	0	0	0	0		41	5	5	10	10	
12	0	0	0	0		42	10	10	5	10	
13	0	0	0	0		43	10	5	10	10	
14	0	0	0	0		44	10	5	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	0	0	
17	0	5	5	5		47	0	0	5	5	
18	5	5	5	5		48	5	5	5	5	
19	5	5	5	5		49	5	5	5	5	
20	5	10	10	10		50	5	5	5	0	
21	10	5	5	5		51	0	0	0	0	
22	5	5	0	5		52	0	15	5	0	1
23	5	5	5	5		53	0	0	0	5	
24	5	5	5	5		54	10	5	5	0	
25	5	5	5	5		55	0	0	0	0	
26	5	5	10	10		56	0	0	0	0	
27	5	5	5	5		57	0	0	0	5	
28	0	5	5	5		58	0	0	0	5	
29	5	5	5	5		59	5	0	5	5	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5/24/10
OBSERVER:	R. Bingham
START:	11:30 am pm
FINISH:	am 1:00 pm
Source:	BLAST FURNACE C EAST CAST HOUSE Observation Point DIST AREA OFF OF ROAD "B"
distance from:	600'
direction from:	s
source height:	75'-100'
wind direction	SE
wind speed	0-5 MPH
sky condition	CLEAR
amb. temp. (F)	75°-80°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 11:38 PLUGGED AT 12:52
Remarks:	<input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature	R. Bingham

11:00

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	5	10	<input checked="" type="checkbox"/>
9						39	20	40	40	40	<input checked="" type="checkbox"/>
10						40	30	25	10	5	<input checked="" type="checkbox"/>
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	○	○	
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/21/10
OBSERVER: R. Binkley
START: 8:01 (am) pm
FINISH: 9:21 (am) pm
Source:
BLAST FURNACE C
EAST CAST HOUSE
Observation Point
DIST AREA OFF OF ROAD "B"
distance from: 600'
direction from: S
source height:
75'-100'
wind direction S
wind speed 5-10 MPH
sky condition OVERCAST
amb. temp. (F) 65°-70°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 8:02
PLUGGED AT 9:16
Remarks:
<u>△ RUSTY COLOR</u>
Observer's Signature

8:00						8:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5	△	30					
1	5	5	0	0		31					
2	0	5	5	0		32					
3	0	5	5	5		33					
4	0	5	5	5		34					
5	5	5	5	5		35					
6	5	5	5	0		36					
7	0	5	0	0		37					
8	5	0	0	5		38					
9	0	0	0	0		39					
10	0	0	5	0		40					
11	5	5	0	0		41					
12	0	0	0	0		42					
13	5	5	5	0		43					
14	0	0	5	5		44					
15	0	5	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	5		49					
20	5	0	0	0		50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

R. Binkley

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/2/10
OBSERVER: R. BINGHAM
START: 8:01 am pm
FINISH: 9:21 am pm
Source:
BLAST FURNACE C
EAST CAST HOUSE
Observation Point
DIRT ANGLE OFF OF 2000 "B"
distance from: 600'
direction from: S
source height:
75'-100'
wind direction SSE
wind speed 5-10 MPH
sky condition OVERCAST
amb. temp. (F) 65-70°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 8:02
PLUGGED AT 9:16
Remarks:
<u>A RUSTY COLOR</u>
Observer's Signature

8:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	15	▲	34	0	0	0	0	
5	10	5	5	0	▲	35	0	0	0	5	
6	0	0	0	0		36	0	0	0	5	
7	0	0	0	0		37	5	0	5	5	
8	0	0	0	0		38	5	5	5	5	
9	0	0	0	0		39	0	5	5	5	
10	0	0	0	0		40	5	5	5	0	
11	0	0	0	0		41	0	0	5	5	
12	0	0	0	0		42	5	5	0	0	
13	0	0	0	0		43	5	5	5	5	
14	0	0	0	0		44	10	5	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	5	5	5	
18	0	0	0	0		48	5	5	5	5	
19	0	0	0	0		49	5	5	5	5	
20	0	0	0	0		50	5	10	5	10	
21	0	0	0	0		51	5	5	5	10	
22	0	0	0	0		52	5	10	5	5	
23	0	0	0	0		53	5	5	5	5	
24	0	0	0	0		54	10	10	10	10	
25	0	0	0	0		55	10	10	15	15	▲
26	0	0	0	0		56	15	15	20	25	▲
27	0	0	0	0		57	20	20	20	15	▲
28	0	0	0	0		58	20	15	15	10	▲
29	0	0	0	0		59	10	10	10	5	▲

R.B.F.

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/8/10
OBSERVER: R. BINGHAM
START: am 12:35 (pm)
FINISH: am 2:51 (pm)
Source:
BLAST FURNACE C
NORTH CAST HOUSE
Observation Point
WEST SIDE OF BOAT SLIP
distance from: 900'
direction from: WSW
source height:
75'-100'
wind direction ESE
wind speed 5-10 MPH
sky condition OVERCAST
amb. temp. (F) 65°-70°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 12:44
PLUGGED AT 2:46
Remarks:
<u>△ RUSTY COLOR</u>
Observer's Signature

2:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	5		30	15	10	5	5	
1	5	5	5	5		31	5	10	10	5	
2	5	5	5	5		32	5	10	10	10	
3	5	5	5	5		33	15	10	10	10	
4	5	5	5	5		34	15	15	15	15	
5	5	5	0	0		35	10	10	10	10	
6	0	0	0	5		36	10	10	10	5	
7	5	5	5	5		37	10	5	10	10	
8	5	5	5	5		38	5	5	5	5	
9	5	5	5	5		39	5	5	10	10	
10	5	5	5	5		40	5	5	5	5	
11	5	5	5	5		41	5	5	5	5	
12	5	5	5	5		42	0	5	5	5	
13	5	5	10	10		43	5	5	10	10	<u>△</u>
14	5	10	5	5		44	15	15	20	10	<u>△</u>
15	5	5	5	5		45	15	20	15	15	<u>△</u>
16	5	10	10	10		46	10	5	5	0	<u>△</u>
17	5	10	5	10		47	5	0	0	0	
18	10	10	5	5		48	0	0	0	0	
19	5	5	5	5		49	0	0	0	0	
20	5	5	10	5		50	0	0	0	0	
21	10	10	10	10		51					
22	10	10	10	10		52					
23	10	5	10	15		53					
24	10	10	10	5		54					
25	5	5	10	5		55					
26	10	10	15	15		56					
27	10	10	10	10		57					
28	15	5	10	10		58					
29	10	10	10	10		59					

R. Bingham

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/8/10
OBSERVER: R. BINGHAM
START: am 12:35 (pm)
FINISH: am 2:51 (pm)
Source:
BLAST FURNACE C
NORTH CAST HOUSE
Observation Point
WEST SIDE OF BOAT SLIP
distance from: 700'
direction from: WSW
source height:
75'-100'
wind direction WSW
wind speed 5-10 MPH
sky condition BROKEN
amb. temp. (F) 65°-70°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 12:44
PLUGGED AT 2:46
Remarks:
Observer's Signature

1:00

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	5	5	
2	0	5	5	5		32	0	0	5	0	
3	5	5	5	0		33	0	0	0	5	
4	0	0	0	0		34	0	5	0	5	
5	0	5	5	5		35	0	0	0	0	
6	5	0	0	0		36	5	0	5	5	
7	0	5	0	0		37	5	5	5	5	
8	0	0	0	0		38	5	5	5	5	
9	0	0	5	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	5	0	0	0	
13	0	0	5	5		43	0	0	0	0	
14	5	5	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	5	0	
16	0	5	0	5		46	5	0	5	5	
17	0	0	0	0		47	5	5	5	5	
18	0	0	0	0		48	5	5	5	5	
19	0	0	0	5		49	5	5	5	5	
20	5	5	0	0		50	5	0	0	5	
21	0	5	0	0		51	0	0	0	5	
22	0	5	5	5		52	5	0	0	0	
23	5	0	0	5		53	0	0	5	5	
24	5	5	0	5		54	5	5	5	5	
25	5	5	5	0		55	5	5	0	5	
26	5	5	0	0		56	5	5	5	5	
27	5	0	5	5		57	5	5	5	0	
28	5	0	0	0		58	5	5	0	0	
29	0	5	5	5		59	5	5	5	5	

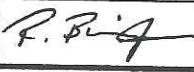
R.B.-J

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/8/10
OBSERVER: R. Bingham
START: am 12:35 (pm)
FINISH: am 2:51 (pm)
Source:
BLAST FURNACE C
NORTH EAST HOUSE
Observation Point
WEST SIDE OF BOAT SLIP
distance from: 900'
direction from: WSW
source height:
75'-100'
wind direction SC
wind speed 5-10 mph
sky condition BROKEN
amb. temp. (F) 65°-70°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 12:44
PLUGGED AT 2:46
Remarks:
<input checked="" type="checkbox"/> RUSTY COLOR
Observer's Signature

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	○	○	
8						38	○	○	○	○	
9						39	○	○	○	○	
10						40	○	○	○	○	
11						41	○	○	○	○	
12						42	○	○	○	○	
13						43	○	○	○	○	
14						44	○	○	5	5	⚠
15						45	○	○	○	○	
16						46	○	○	○	○	
17						47	○	○	○	○	
18						48	○	○	○	○	
19						49	○	○	○	○	
20						50	○	○	○	○	
21						51	○	○	○	○	
22						52	○	○	○	○	
23						53	○	○	○	○	
24						54	○	○	○	○	
25						55	○	○	○	○	
26						56	○	○	○	○	
27						57	○	○	○	○	
28						58	○	○	○	○	
29						59	○	○	○	○	

R. B.
R. B. 

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6/15/10
OBSERVER:	R. BURGESS
START:	am 1:05 <input checked="" type="checkbox"/> PM
FINISH:	am 2:05 <input checked="" type="checkbox"/>
Source:	BLAST FURNACE C NORTH CAST HOUSE Observation Point WEST SIDE OF BOAT SLIP
distance from:	8
direction from:	W
source height:	75'-100'
wind direction	ESE
wind speed	5-10 MPH
sky condition	BROKEN
amb. temp. (F)	75°-80°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 1:11 PLUGGED AT 1:57
Remarks:	
Observer's Signature	<i>R. Burgess</i>

2:00						3:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	0	0	0	A	30					
1	0	0	0	0		31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/15/10
OBSERVER: R. BINGHAM
START: am 1:05 (pm)
FINISH: am 2:05 (pm)
Source:
CAST FURNACE C
NORTH CAST HOUSE
Observation Point
WEST SIDE OF BOAT SLIP
distance from: 800'
direction from: W
source height:
75'-100'
wind direction W
wind speed 5-10 MPH
sky condition BROKEN
amb. temp. (F) 75°-80°
color of emissions
WHITE UNLESS NOTED
other,
DRILLED AT 1:11
PLUGGED AT 1:59
Remarks:
<input checked="" type="checkbox"/> 1 LIGHT BROWN COLOR
<input checked="" type="checkbox"/> 2 RUSTY COLOR
Observer's Signature

1:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	5	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	5	5	0	0	
7	0	0	0	0		37	0	0	0	8	
8	0	0	0	0		38	0	5	0	0	
9	0	0	0	0		39	5	5	0	0	
10	0	0	0	0		40	5	5	5	0	
11	0	0	0	0		41	0	5	5	5	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	5	5	
14	0	0	0	0		44	5	5	5	5	
15	0	0	0	0		45	5	5	5	5	
16	0	0	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	5	5	0	
18	0	0	0	0		48	5	0	5	0	
19	0	0	0	0		49	5	5	5	5	
20	0	0	0	0		50	5	5	5	5	
21	0	0	5	10	▲	51	5	5	5	5	
22	10	5	5	0	▲	52	5	5	5	5	
23	0	0	0	0		53	5	5	10	5	
24	0	0	0	0		54	10	5	5	5	
25	0	0	0	0		55	10	5	5	10	▲
26	0	0	0	0		56	10	10	15	10	▲ □
27	0	0	0	0		57	15	20	20	25	▲ □
28	0	0	5	0		58	20	15	20	25	▲ □
29	0	0	0	0		59	20	20	15	10	▲ □

R. BINGHAM

Last Certification Date 4/17/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/21/10
OBSERVER: R. Bingham
START: 10:20 <u>am</u> pm
FINISH: am 12:00 <u>pm</u>
Source:
Blast Furnace C
NORTH CAST HOUSE
Observation Point
NEAR FENCE 3/8 OF PC
STEEL SILO
distance from: 700'
direction from: E
source height:
75'-100'
wind direction SSE
wind speed 5-10 MPH
sky condition Broken
amb. temp. (F) 75°-80°
color of emissions
WHITE UNLESS NOTED
other:
DRILLED AT 10:35
PLUGGED AT 12:01
Remarks:
<input checked="" type="checkbox"/> 1 GRAY COLOR
<input checked="" type="checkbox"/> 2 LIGHT RUSTY COLOR
Observer's Signature
R. Bing

12:00						12:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	10	15	10	5	A	31					
2	0	0	0	0		32					
3	0	0	0	0		33					
4	0	0	0	0		34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/1/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6/21/10
OBSERVER:	R. BINGHAM
START:	10:20 <u>AM</u> pm
FINISH:	am 12:08 <u>PM</u>
Source:	BLOOM FURNACE C
	NORTH CAST HOUSE
Observation Point	NEAR FENCE S/E OF PLI
	STORAGE SILO
distance from:	700'
direction from:	C
source height:	75'-100'
wind direction	SSW
wind speed	5-10 mph
sky condition	SCATTERED
amb. temp. (F)	73°-80°
color of emissions	WHITE UNLESS NOTED
other,	DRILLED AT 10:35 PLUGGED AT 12:01
Remarks;	<u>A</u> GREY COLOR
Observer's Signature	R. BINGHAM

11:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	
1	0	0	0	0		31	5	5	5	5	
2	0	0	0	0		32	5	5	5	5	
3	0	0	0	0		33	5	5	5	5	
4	0	0	0	0		34	5	5	5	5	
5	0	0	0	0		35	5	5	5	5	
6	0	0	0	0		36	10	15	5	5	<u>A</u>
7	0	0	0	0		37	15	10	5	30	<u>A</u>
8	0	0	0	0		38	10	5	5	5	<u>A</u>
9	0	0	5	5		39	5	5	0	0	
10	0	5	5	0		40	5	0	0	5	
11	0	0	0	5		41	0	5	5	0	
12	5	5	5	5		42	0	0	0	5	
13	5	5	5	5		43	0	0	5	0	
14	5	5	0	5		44	5	5	5	5	
15	0	5	5	0		45	5	5	5	5	
16	0	5	0	0		46	5	5	5	5	
17	0	0	0	0		47	5	5	5	5	
18	0	0	5	0		48	5	5	5	5	
19	0	0	0	5		49	5	5	0	5	
20	5	0	0	0		50	5	5	5	5	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	5		52	0	5	0	5	
23	5	5	5	5		53	0	0	0	0	
24	5	5	5	5		54	0	0	0	0	
25	0	5	0	5		55	0	0	0	0	
26	0	0	0	5		56	0	0	0	0	
27	5	5	5	5		57	0	0	0	0	
28	5	5	5	5		58	0	0	0	0	
29	5	5	5	5		59	0	0	0	0	

Last Certification Date 4/2/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	6/21/10
OBSERVER:	R. Binkley
START:	10:20 am pm
FINISH:	am 12:08 (pm)
Source:	Plant Funnel C
	NORTH CAST HOUSE
Observation Point	
	NEON FENCE S/E OF PC1
	STRANAGE SILO
distance from:	700'
direction from:	E
source height:	75'-100'
wind direction	N
wind speed	0-5 MPH
sky condition	SCATTERED
amb. temp. (F)	75°-80°
color of emissions	
	WHITE UNLESS NOTED
other:	
	DRILLED AT 10:35
	PLUGGED AT 12:01
Remarks:	
Observer's Signature	<i>R. Binkley</i>

10:00						10:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1						31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2						32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3						33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4						34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5						35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6						36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7						37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8						38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9						39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10						40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11						41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12						42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13						43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14						44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15						45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16						46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17						47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18						48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19						49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/29/10
OBSERVER: R. BROWN
START: am 12:15 (PM)
FINISH: am 3:39 (PM)
Source:
BLAST FURNACE C
NORTH CAST HOUSE
Observation Point
WEST SIDE OF BOAT SLIP
distance from: 900'
direction from: WSW
source height:
75'-100'
wind direction NW
wind speed 10-15 MPH
sky condition SCATTERED
amb. temp. (F) 65°-70°
color of emissions
CWHITE UNLESS NOTED
other;
DRILLED AT 12:19
PLUGGED AT 3:12
Remarks;
Observer's Signature

3:00

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16	○	○	○	○		46					
17	○	○	○	○		47					
18	○	○	○	○		48					
19	○	○	○	○		49					
20	○	○	○	○		50					
21	○	○	○	○		51					
22	○	○	○	○		52					
23	○	○	○	○		53					
24	○	○	○	○		54					
25	○	○	○	○		55					
26	○	○	○	○		56					
27	○	○	○	○		57					
28	○	○	○	○		58					
29	○	○	○	○		59					

R. Brown

Last Certification Date 4/2/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/29/10
OBSERVER: R. BURKHARDT
START: am 12:10 <input checked="" type="checkbox"/>
FINISH: am 3:39 <input checked="" type="checkbox"/>
Source:
BLAST FURNACE C
NORTH EAST HOUSE
Observation Point
WEST SIDE OF BOAT SLIP
distance from: 900'
direction from: WSW
source height:
75'-100'
wind direction N
wind speed 10-15 mph
sky condition BROKEN
amb. temp. (F) 65°-70°
color of emissions
white UNLESS NOTED
other:
DRILLED AT 12:18
PLUGGED AT 3:12
Remarks:
Observer's Signature

2:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	5	
2	0	0	0	0		32	5	5	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	5	0	0	
9	0	0	0	0		39	5	10	5	5	
10	0	0	0	0		40	0	0	5	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	10	
14	0	0	0	0		44	5	10	10	5	
15	0	0	0	0		45	0	5	5	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	5	5	5	5	
22	0	0	0	0		52	5	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	5	5	5	0	
25	0	0	0	0		55	0	5	10	5	
26	0	0	0	0		56	0	5	5	5	
27	0	0	0	0		57	5	10	10	5	
28	0	0	0	0		58	5	0	0	0	
29	0	10	5	0		59	0	0	0	0	



Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

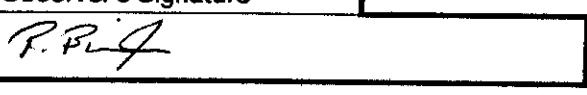
DATE: 6/29/10
OBSERVER: R. Bingham
START: am 12:15 pm
FINISH: am 3:39 pm
Source:
BLAST FURNACE C
NORTH CAST HOUSE
Observation Point
WEST SIDE OF BOAT SLIP
distance from: 500'
direction from: WSW
source height:
75'-100'
wind direction WNW
wind speed 10-15 MPH
sky condition SCATTERED
amb. temp. (F) 65°-70°
color of emissions
WHITISH UNLESS NOSED
other:
DRILLED AT 12:19
PLUGGED AT 3:12
Remarks:
Observer's Signature

1:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	5	0	
2	0	0	0	0		32	5	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	5	0	0	
6	0	0	5	0		36	0	0	0	0	
7	0	0	0	5		37	6	0	0	0	
8	5	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	5	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	6	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	5	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	6	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	5		58	0	0	0	0	
29	5	0	0	5		59	0	0	0	0	

R. Bingham

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4/29/10
OBSERVER:	R. Bingham
START:	am 12:15 <input checked="" type="checkbox"/>
FINISH:	am 3:39 <input checked="" type="checkbox"/>
Source:	BLAST FURNACE C NORTH EAST HOUSE Observation Point WEST SIDE OF BOAT SLIP
distance from:	800'
direction from:	WSW
source height:	75'-100'
wind direction	N NW
wind speed	5-10 MPH
sky condition	BROKEN
amb. temp. (F)	65-70°
color of emissions	WHITE UNLESS NOTED
other:	DRILLED AT 12:15 PLUGGED AT 3:12
Remarks:	
Observer's Signature	

12:00						12:30					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/5/10
OBSERVER: R.B.N.BURG
START: 10:17 am pm
FINISH: 12:17 am pm
Source:
BOP ROOF MONITORS
Observation Point
R/R MAINT. BLDG. NEAR GATE 1
distance from: 2000'
direction from: SE
source height
200'-250'
wind direction W
wind speed 10-15 MPH
sky condition CLEAR
amb. temp. (F) 65°-70°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
1 STEAM SMOKE
2 STEAM CLOUD
3 YELLOW COLOR
4 DARK GREY COLOR
5 RUSTY COLOR
6 WHITE COLOR
- SOUTH END OF BOP
Observer's Signature

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	20	20	15	16	6 5	30					
1	10	15	5	10	5	31					
2	0	5	5	5	5	32					
3	5	5	5	0	5	33					
4	5	5	5	5	5	34					
5	5	0	5	5	5	35					
6	10	0	5	5	5	36					
7	10	5	5	5	5	37					
8	5	0	5	0	5	38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 10/07/08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/5/10
OBSERVER: R. BINGHAM
START: 10:17 (am) pm
FINISH: 12:17 am (pm)
Source:
BOF ROOF MONITORS
Observation Point
R/R MAINT. BLDG, NE on 60TH I
distance from: 2000'
direction from: SSW
source height:
200'-250'
wind direction WNW
wind speed 10-15 MPH
sky condition clear
amb. temp. (F) 60°-65°
color of emissions
CLOUDS UNLESS NOTED
other:
Remarks:
<input checked="" type="checkbox"/> 1 STEAM STARTED
<input checked="" type="checkbox"/> 2 STEAM ENDED
<input checked="" type="checkbox"/> 3 YELLOW COLOR
<input checked="" type="checkbox"/> 4 DARK GRAY COLOR
<input checked="" type="checkbox"/> 5 RUSTY COLOR
- SOUTH END OF BOF
Observer's Signature

11:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	5	5	5	5	A
1	0	0	0	0		31	10	0	5	5	A
2	0	0	0	0		32	5	0	5	5	A
3	0	0	0	0		33	5	10	5	10	A
4	0	0	0	0		34	5	5	5	5	A
5	0	0	0	0		35	5	5	5	5	A
6	0	0	0	0		36	10	10	5	5	A
7	0	0	0	0		37	5	10	5	5	A
8	0	0	0	0		38	5	0	0	5	A
9	0	0	0	0		39	5	5	5	5	A
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	15	30	40	40	A
21	0	0	0	0		51	30	20	10	10	A
22	0	0	0	0		52	10	15	0	0	A
23	0	0	0	0		53	0	20	40	50	A
24	0	0	0	0		54	40	30	20	10	A
25	0	10	10	0	A-	55	0	0	0	5	A
26	0	0	0	0		56	0	0	5	5	A
27	15	0	5	0	A	57	5	10	10	5	A
28	0	0	0	0		58	5	5	10	5	A
29	5	5	0	0	A	59	5	5	5	25	A

Last Certification Date 10/07/08

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/5/10
OBSERVER: R. B. JEWELL
START: 10:17 am pm
FINISH: 12:17 am pm
Source:
BOP ROOF MONITORS
Observation Point
R/R Maint. BLDG. MGR
Level 1
distance from: 2000'
direction from: SSW
source height:
200'-250'
wind direction WNW
wind speed 10-15 MPH
sky condition CLEAR
amb. temp. (F) 60°-65°
color of emissions
WHITE ENDS NOTED
other:
Heat NOS.
17409
17410
Remarks:
1 STEAM STARTED
2 STEAM ENDED
3 YELLOW COLOR
4 DARK GRAY COLOR
5 RUSTY COLOR
Observer's Signature
<i>R. B. J.</i>

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	30	4
5						35	40	40	30	20	△
6						36	10	10	0	5	△ 5 1
7						37	0	5	5	0	5
8						38	0	5	5	5	5
9						39	5	5	5	5	5
10						40	5	5	10	5	△
11						41	5	0	5	10	5
12						42	10	10	0	5	5
13						43	10	5	5	5	5
14						44	5	5	5	10	△
15						45	5	16	10	5	△
16						46	5	5	10	5	5
17	0	0	0	0		47	5	0	5	5	5
18	0	0	0	0		48	0	0	0	5	5
19	0	0	0	0		49	0	5	0	5	5
20	0	0	0	0		50	5	0	0	0	5
21	0	0	0	0		51	0	0	0	0	2
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	10	15	10	△	57	0	0	0	0	
28	10	10	0	0	3	58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 10/07/09

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/12/10
OBSERVER: R. BINGHAM
START: 8:51 am pm
FINISH: 10:51 (am) pm
Source:
BOF ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction NE
wind speed 0-5 mph
sky condition SKY CLEAR
amb. temp. (F) 45°-50°
color of emissions
WHITE UNLESS NOTED
other:
RECORDING FROM 7:20-9:32
LOOKED TO BE FROM GSP
Remarks;
1 STEAM STARTUP
2 STEAM ENDS
3 RUSTY COLOR
4 GRAY COLOR
5 RUSTY (GRAY COLOR)
Observer's Signature
<i>R. B.</i>

10:00						10:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	5	5	0	(3)	30	0	0	0	0	
1	0	5	5	5	(3)	31	0	0	0	0	
2	5	5	5	5	(3)	32	0	0	0	0	
3	5	10	5	5	(3)	33	0	0	0	0	
4	5	5	5	5	(3)	34	0	5	0	0	
5	5	5	5	5	(3)	35	0	0	0	0	
6	10	5	5	5	(3)	36	0	0	0	0	
7	5	5	0	0	(3)	37	0	0	0	0	
8	0	0	0	0	(2)	38	0	0	0	0	
9	0	0	0	0		39	0	20	40	30	(4)
10	0	0	0	0		40	15	10	10	5	(4)
11	0	0	0	0		41	0	0	25	30	(4)
12	0	0	0	0		42	25	15	5	5	(4)
13	0	0	0	0		43	5	5	10	5	(3)
14	0	0	0	0		44	5	0	5	5	(3)
15	0	0	0	0		45	0	5	5	0	(3)
16	0	0	0	0		46	0	5	10	5	(3)
17	0	0	0	0		47	5	0	0	5	(3)
18	0	0	0	0		48	5	5	5	5	(3)
19	0	0	0	0		49	5	5	5	5	(3)
20	0	0	0	0		50	5	0	5	5	(3)
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/12/10
OBSERVER: R. BINGHAM
START: 8:51 am pm
FINISH: 10:51 am pm
Source:
BOF ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction N
wind speed 0-5 MPH
sky condition SCATTERED
amb. temp. (F) 40°-45°
color of emissions
WHITE UNLESS NOTED
other:
RECORDINGS FROM 9:20 - 9:22
COPIED TO BE FROM CJP
Remarks:
(1) STEAM STARTED
(2) STEAM ENDED
(3) RUSTY COLOR
(4) GREY COLOR
(5) RUSTY/GREY COLOR
Observer's Signature

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	5	5	0	0	(3)
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	(2)
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	10	20	(4)
16	0	0	0	0		46	15	10	5	0	(4)
17	0	0	0	0		47	0	0	30	40	(5)
18	0	0	0	0		48	30	30	30	15	(5)
19	0	0	0	0		49	15	15	20	20	(5)
20	0	0	0	5	(3)	50	15	40	60	60	(5)
21	5	5	5	5	(3)	51	50	40	25	15	(5)
22	5	0	0	0	(1)(3)	52	10	5	5	10	(5)(3)
23	0	5	5	0	(3)	53	5	5	15	15	(3)(1)
24	0	0	0	0		54	10	10	10	15	(3)
25	0	0	0	0		55	10	15	10	15	(3)
26	0	0	0	0		56	5	0	5	5	(3)
27	0	0	5	0	(3)	57	10	5	5	5	(3)
28	0	0	0	0		58	5	10	10	5	(3)
29	0	0	0	0		59	5	5	5	5	(3)

R. B. J.

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/12/10
OBSERVER: R. Bingham
START: 8:51 (am) pm
FINISH: 10:51 (am) pm
Source:
BOF ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction NE
wind speed 0-5 MPH
sky condition SKYLED
amb. temp. (F) 40°-45°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
Observer's Signature

8:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
22						52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
23						53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
24						54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
25						55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
26						56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
27						57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
28						58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
29						59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/18/10
OBSERVER: R. BINGHAM
START: 8:35 am pm
FINISH: 10:35 am pm
Source:
130F ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: S
source height:
200'-250'
wind direction N
wind speed 0-5 MPH
sky condition CLEAR
amb. temp. (F) 45°-50°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
(1) STEAM STORED
(2) STEAM ENDED
(3) RUSTY COLOR
(4) GREY COLOR
Observer's Signature

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	5	0	5	(3)	32	0	0	0	15	(4)
3	0	0	0	10	(3)	33	10	10	5	5	(4)
4	5	5	0	0	(3)	34	0	0	0	15	(4)
5	0	0	0	0		35					
6	0	0	0	0	(2)	36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/18/10
OBSERVER: R. BINGHAM
START: 8:35 am pm
FINISH: 10:35 am pm
Source:
BOF ROOF MONITORS
Observation Point
Mining Center parking lot
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction NNE
wind speed 0-5 mph
sky condition clear
amb. temp. (F) 35°-40°
color of emissions
GRAY UNLESS NOTED
other:
Remarks:
<input checked="" type="checkbox"/> STEAM STATION
<input checked="" type="checkbox"/> STEAM ENDS
<input checked="" type="checkbox"/> RUSTY COLOR

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	5	0	0	0	<input checked="" type="checkbox"/>	30	0	0	0	0	
1	0	5	0	0	<input checked="" type="checkbox"/>	31	0	0	0	0	
2	5	0	0	0	<input checked="" type="checkbox"/>	32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	5	<input checked="" type="checkbox"/>	36	0	0	0	0	
7	5	0	5	0	<input checked="" type="checkbox"/>	37	0	0	0	0	
8	0	5	0	0	<input checked="" type="checkbox"/>	38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	5	5	0	0	<input checked="" type="checkbox"/>	40	0	0	0	0	
11	5	0	0	0	<input checked="" type="checkbox"/>	41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	10	<input checked="" type="checkbox"/>	45	0	0	0	0	
16	0	5	0	0	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	10	10	<input checked="" type="checkbox"/>
20	0	0	0	0		50	5	0	0	0	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Observer's Signature

R. BINGHAM

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/19/10
OBSERVER: R. BURGESS
START: 8:35 am pm
FINISH: 10:35 am pm
Source:
BOF ROOF MONITOR
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction WNW
wind speed 0-5 mph
sky condition CLEAR
amb. temp. (F) 35°-40°
color of emissions
WHITE UNLESS NOTED
other,
Heat Nos.
171008
510702
Remarks;
(1) STEAM STARTED
(2) STEAM ENDED
(3) RUSTY COLOR
Observer's Signature

8:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	10	10	10	3
29						59	10	10	10	10	3

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/26/10
OBSERVER: R. Binschmidt
START: 8:30 am pm
FINISH: 10:30 am pm
Source:
BOF ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2,000'
direction from: C
source height:
200'-250'
wind direction NNE
wind speed 10-15 MPH
sky condition Partly
amb. temp. (F) 45°-50°
color of emissions
CLOUDLESS NOT SOOTY
other:
Remarks:
<input checked="" type="checkbox"/> 1 STEAM STREAM
<input checked="" type="checkbox"/> 2 STEAM CLOUDS
<input checked="" type="checkbox"/> 3 WHITE/GREY COLOR
Observer's Signature

10:00						10:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		30					
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		31					
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		32					
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		33					
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		34					
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		35					
6	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		36					
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		37					
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		38					
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		39					
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		40					
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		41					
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		42					
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	A	43					
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		44					
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		45					
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		46					
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		47					
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		48					
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		49					
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		50					
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		51					
22	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		52					
23	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		53					
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		54					
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		55					
26	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		56					
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		57					
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		58					
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		59					

R. Binschmidt

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/26/10
OBSERVER: R.BINGHAM
START: 8:30 am pm
FINISH: 10:30 am pm
Source:
130F ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction NNE
wind speed 10-15 mph
sky condition OVERCAST
amb. temp. (F) 45°-50°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
(1) STEAM STARTED
(2) STEAM ENDED
(3) WHITE/GREY COLOR
Observer's Signature

8:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○	▲2	33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	5	▲2	48	○	○	○	○	
19	5	15	15	15	▲3	49	○	○	○	○	
20	20	20	15	15	▲3	50	○	○	○	○	
21	15	15	10	15	▲3	51	○	○	○	○	
22	20	15	15	10	▲3	52	○	○	○	○	
23	10	10	10	5	▲3	53	○	○	○	○	
24	5	10	5	5	▲3	54	○	○	○	5	▲3
25	5	5	5	5	▲3	55	10	5	0	0	▲3
26	5	0	0	5	▲3	56	0	0	0	0	
27	0	0	5	5	▲3	57	0	0	0	0	1
28	0	0	0	0		58	0	0	0	0	2
29	0	0	0	0		59	0	0	0	0	1

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/26/10
OBSERVER: R. J. Lingman
START: 8:30 am pm
FINISH: 10:30 am pm
Source:
BOF ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction NNE
wind speed 15-20 mph
sky condition overcast/rain
amb. temp. (F) 45°-50°
color of emissions
WHITE UNLESS NOTED
other:
HOT NOS.
17706
17707
Remarks:
(1) STEAM STANDBY
(2) STEAM CLOUD
(3) WHITE/GREY COLOR
Observer's Signature

8:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	○	○	○	○	
1						31	○	○	○	○	
2						32	○	○	○	○	
3						33	○	○	○	○	
4						34	○	○	○	○	
5						35	○	○	○	○	
6						36	○	○	○	○	
7						37	○	○	5	5	(3)
8						38	○	○	0	5	(3)
9						39	5	0	0	0	(3)
10						40	○	○	0	0	
11						41	○	○	0	0	
12						42	○	5	5	0	(3)
13						43	○	5	0	0	(3)
14						44	○	0	0	5	(3)
15						45	5	5	0	5	(3)
16						46	5	0	0	0	(3)
17						47	○	○	0	0	
18						48	○	○	0	0	
19						49	○	○	0	0	(1)
20						50	○	○	0	0	
21						51	○	○	0	0	
22						52	○	○	0	0	
23						53	○	○	0	0	
24						54	○	○	0	0	
25						55	○	○	0	0	
26						56	○	○	0	0	
27						57	○	○	0	0	
28						58	○	○	0	0	
29						59	○	○	0	0	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/3/10
OBSERVER: R. Blinghorn
START: 8:00 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH: 10:00 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
Source:
BOF ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height
200'-250'
wind direction W
wind speed 5-10 MPH
sky condition CLEAR
amb. temp. (F) 55°-60°
color of emissions
WHITE UNLESS NOTED
other,
Remarks;
<input checked="" type="checkbox"/> 1 STEAM STARTED
<input checked="" type="checkbox"/> 2 STEAM ENDING
<input checked="" type="checkbox"/> 3 GRAY COLOR
<input checked="" type="checkbox"/> 4 RUSTY COLOR
TOP END OF BOF
Observer's Signature

9:00						9:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

R. Bling

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/3/10
OBSERVER: R. BINGHAM
START: 8:00 am pm
FINISH: 10:00 am pm
Source:
Bof Roof Monitors
Observation Point
TRAINING CENTER PARKING
Lot
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction WSW
wind speed 5-10 mph
sky condition scattered
amb. temp. (F) 55°-60°
color of emissions
white unless noted
other:
Heat Nos.
17802
57,959
17803
Remarks:
(1) STEAM SOURCE
(2) STEAM SOURCE
(3) GREY COLOR
(4) RUSTY COLOR
+ NORTH END OF BOF
Observer's Signature

8:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	20	10	5	5	(3)
1	○	○	○	○		31	15	10	10	5	(2)
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	(1)
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	40	25	(3)	36	○	○	○	○	
7	15	10	10	10	(3)	37	○	○	○	○	
8	5	5	○	○	(3)(1)	38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	10	10	15	10	(4)+
19	○	○	○	○		49	15	15	5	5	(1)+(2)
20	○	○	○	○		50	5	5	10	5	(4)+
21	○	○	○	○		51	5	○	○	○	(4)+
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○	A	54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	10	(3)	58	○	○	○	○	
29	20	25	30	20	(3)	59	○	○	○	○	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	5/10/10
OBSERVER:	R. BINGHAM
START:	7:13 (am) pm
FINISH:	11:13 (am) pm
Source:	BOP ROOF MONITORS
Observation Point	TRAINING CENTER PARKING LOT
distance from:	2000'
direction from:	E
source height:	200'-250'
wind direction	NE
wind speed	5-10 MPH
sky condition	CLEAR
amb. temp. (F)	45°-50°
color of emissions	WHITE UNLESS NOTED
other:	
Remarks:	<input checked="" type="checkbox"/> 1 RUSTY COLOR <input checked="" type="checkbox"/> 2 WHITE SMOKE <input checked="" type="checkbox"/> 3 GREY COLOR <input checked="" type="checkbox"/> 4 YELLOW/RUSTY COLOR + NORTH END OF BOP
Observer's Signature	

11:00

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30					
1	0	0	5	5	2	31					
2	10	10	5	15	2	32					
3	20	10	10	15	2	33					
4	5	0	0	0	2	34					
5	0	0	0	0		35					
6	0	0	0	0		36					
7	0	0	0	0		37					
8	0	0	0	0		38					
9	0	0	0	0		39					
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/10/10
OBSERVER: R. BINGHAM
START: 8:13 (am) pm
FINISH: 11:13 (am) pm
Source:
BOF ROOF MONITORS
Observation Point
TRAINING CENTER PARKING
LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction NE
wind speed 5-10 mph
sky condition CLOUDY
amb. temp. (F) 45°-50°
color of emissions
WHITE UNLESS NOTED
other:
Remarks;
(1) RUSTY COLOR
(2) WHITE SHAKE
(3) GREY COLOR
(4) YELLOW/RUSTY COLOR
+ NARROW END OF BOF
Observer's Signature

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	20	30	20	30	2
1	10	15	10	5	1	31	20	15	15	5	2
2	0	0	0	0		32	5	5	5	5	2/1+
3	40	40	20	5	4	33	5	0	0	0	1
4	0	0	0	0		34	5	5	5	0	1
5	0	0	0	0		35	5	10	5	5	1
6	0	0	0	0		36	5	5	5	5	1
7	0	0	0	0		37	10	5	5	5	1
8	0	0	0	0		38	5	10	5	5	1
9	0	0	0	0		39	10	5	10	5	1
10	0	0	0	0		40	5	5	5	0	1
11	0	0	0	0		41	5	5	0	5	1
12	0	0	0	0		42	5	5	5	5	1
13	0	0	0	0		43	0	5	5	0	1
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	5	10	5	5	2	59	0	0	0	0	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/10/10
OBSERVER: R. BINGHAM
START: 9:13 <u>am</u> pm
FINISH: 11:13 <u>am</u> pm
Source:
BOF ROOF MONITORS
Observation Point
TRAINING CENTER PARKING
LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction NE
wind speed 5-10 mph
sky condition CLEAR
amb. temp. (F) 45°-50°
color of emissions
white unless noted
other:
Heat Nos.
17909
57032
Remarks:
1 RUSTY COLOR
2 WHITE SMOKE
3 GRAY COLOR
4 YELLOW/RUSTY COLOR
+ MORNING END OF BOF
Observer's Signature

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	10	5	3+
8						38	5	5	5	5	3+
9						39	5	5	0	0	3+
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13	0	0	0	0		43	0	30	30	20	3
14	0	10	5	0	1	44	10	5	5	20	3 2
15	20	15	10	5	2	45	20	10	10	5	2
16	5	5	0	0	2	46	5	5	5	5	1+
17	0	10	5	10	1	47	5	5	5	5	1+
18	5	5	5	0	1	48	0	0	0	0	
19	5	10	10	0	1	49	0	0	0	0	
20	0	5	5	5	1	50	0	0	0	0	
21	5	5	5	0	1	51	0	0	0	0	
22	0	0	0	5	1	52	0	0	0	0	
23	0	0	0	5	1	53	0	0	0	0	
24	5	5	5	0	1	54	0	0	0	0	
25	5	5	0	5	1	55	0	0	0	0	
26	5	0	0	0	1	56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

R. Bingham

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/17/10
OBSERVER: R.B. JENKINS
START: 8:00 am pm
FINISH: 10:00 am pm
Source:
BOF ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction ENE
wind speed 5-10 mph
sky condition BROKEN
amb. temp. (F) 55°-60°
color of emissions
WHITE UNLESS NOTED
other:
EMISSIONS AT 9:44 COVERAGE NORTH NOSE OF BOF
Remarks;
<input checked="" type="checkbox"/> 1 WHITE/GREY COLOR
<input checked="" type="checkbox"/> 2 RUSSY COLOR
<input checked="" type="checkbox"/> 3 DARK BROWN COLOR
Observer's Signature

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	5	5	1	33	0	0	0	0	
4	5	5	5	0	1	34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	5	2	37	0	0	0	0	
8	5	10	5	0	2	38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	15	20	20	3
15	0	0	0	0		45	20	15	10	5	3
16	0	0	0	0		46	5	0	0	0	3
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/17/10
OBSERVER: R. BINGHAM
START: 8:00 am pm
FINISH: 10:00 am pm
Source:
BOF LOOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction NE
wind speed 5-10 mph
sky condition Broken
amb. temp. (F) 50°-55°
color of emissions
WHITE/GRAY NOTED
other:
Heat NOS.
57128
17988
Remarks:
<input checked="" type="checkbox"/> WHITE/GRAY COLOR
Observer's Signature

8:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	10	15	<input checked="" type="checkbox"/>	31	0	0	0	0	
2	15	15	5	0	<input checked="" type="checkbox"/>	32	0	0	0	0	
3	0	0	0	10	<input checked="" type="checkbox"/>	33	0	0	0	0	
4	20	15	10	5	<input checked="" type="checkbox"/>	34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	10	20	30	20	<input checked="" type="checkbox"/>	44	0	0	0	0	
15	10	10	10	5	<input checked="" type="checkbox"/>	45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/24/10
OBSERVER: R.B. BURG
START: 9:00 am pm
FINISH: 11:16 am pm
Source:
130F ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction SE
wind speed 0-5 mph
sky condition CLEAR
amb. temp. (F) 75-80°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
<input checked="" type="checkbox"/> 1 DENSE (GRAY/BROWN?) COLOR
<input checked="" type="checkbox"/> 2 WHITE
Observer's Signature

11:00

MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30					
1	○	○	○	○		31					
2	○	○	○	○		32					
3	○	○	○	○		33					
4	○	○	○	○		34					
5	○	○	○	○		35					
6	○	○	○	○		36					
7	○	○	○	○		37					
8	○	○	○	○		38					
9	○	○	○	○		39					
10	○	○	○	○		40					
11	○	○	○	○		41					
12	○	○	○	○		42					
13	○	○	○	○		43					
14	○	○	○	○		44					
15	○	○	○	○		45					
16						46					
17						47					
18						48					
19						49					
20						50					
21						51					
22						52					
23						53					
24						54					
25						55					
26						56					
27						57					
28						58					
29						59					

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/24/10
OBSERVER: R. BINGHAM
START: 7:00 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH: 11:16 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
Source:
BOF ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction ENE
wind speed 0-5 MPH
sky condition CLEAR
amb. temp. (F) 70°-75°
color of emissions
WHITE UNLESS NOT GO
other:
Remarks:
<input checked="" type="checkbox"/> Dark (very/brown?) Color
<input checked="" type="checkbox"/> WHITE
Observer's Signature

10:00						10:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 5/24/10
OBSERVER: R. B. WILHELM
START: 9:00 am pm
FINISH: 11:16 am pm
Source:
BOF ROOF MONITORS
Observation Point
TRAINING CENTER
PARKING LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction E
wind speed 0-5 MPH
sky condition CLEAR
amb. temp. (F) 65°-70°
color of emissions
WHITE UNLESS NOTED
other:
HOT FLDS.
19070
19071
Remarks:
1 DARK (GRAY/BROWN?) COLOR
2 WHITE
Observer's Signature

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	10	10	A	35	0	0	0	0	
6	5	5	5	5	A	36	0	0	0	0	
7	5	5	0	0	A	37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	15	10	A	39	0	0	0	0	
10	15	10	5	5	A	40	0	0	0	0	
-11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/2/10
OBSERVER: R. BINGHAM
START: 9:30 am pm
FINISH: 11:45 am pm
Source:
BOP ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
200'-250'
wind direction SW
wind speed 10-15 mph
sky condition overcast / rain
amb. temp. (F) 70°-75°
color of emissions
UNLESS OTHERWISE NOTED
other,
Remarks;
△ RUSTY COLOR
+ NOISE LEVEL OF 130F
Observer's Signature

11:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	15	10	10	10	△ +
1	0	0	0	0		31	10	10	5	5	△ +
2	0	0	0	0		32	5	5	5	5	△ +
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	5		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	10	10	10	10	△ +	59					

Last Certification Date 4/2/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/2/10
OBSERVER: R. BINGHAM
START: 9:30 am pm
FINISH: 11:43 am pm
Source:
BOP ROOF MONISORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height
200'-250'
wind direction S
wind speed 5-10 mph
sky condition OVERCAST
amb. temp. (F) 70°-75°
color of emissions
WHITE UNLESS NOTED
other:
RAIN STARTING AT 10:15
Remarks:
Observer's Signature

10:00						10:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	5		36	○	○	○	○	
7	○	5	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	5	5	○	○		43	○	○	○	○	
14	○	○	5	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

R.B.

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/2/10
OBSERVER: R. BINGHAM
START: 7:30 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH: 11:43 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
Source:
BOF ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: E
source height:
200'. 250'
wind direction S
wind speed 5-10 mph
sky condition overcast
amb. temp. (F) 70°-75°
color of emissions
WHS unless noted
other,
Hear No.
18184
57343
Remarks;
Observer's Signature
<i>R. B. J.</i>

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30	0	0	0	0	
1						31	0	0	0	0	
2						-32	0	0	0	0	
3						33	0	0	0	0	
4						34	0	0	0	0	
5						35	0	0	0	0	
6						36	0	0	0	0	
7						37	0	0	0	0	
8						38	0	0	0	0	
9						39	0	0	0	0	
10						40	0	0	0	0	
11						41	0	0	0	0	
12						42	0	0	0	0	
13						43	0	0	0	0	
14						44	0	0	0	0	
15						45	0	0	0	0	
16						46	0	0	0	0	
17						47	0	0	0	0	
18						48	0	0	0	0	
19						49	0	0	0	0	
20						50	0	0	0	0	
21						51	0	0	0	0	
22						52	0	0	0	0	
23						53	0	0	0	0	
24						54	0	0	0	0	
25						55	0	0	0	0	
26						56	0	0	0	0	
27						57	0	0	0	0	
28						58	0	0	0	5	
29						59	0	0	0	0	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/7/10
OBSERVER: R. BINGHAM
START: 8:00 am pm
FINISH: 10:00 am pm
Source:
130F ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: ENE
source height:
200'-250'
wind direction NNE
wind speed 5-10 mph
sky condition CLEAR
amb. temp. (F) 55°-60°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
<input checked="" type="checkbox"/> 1 GREY COLOR
<input checked="" type="checkbox"/> 2 RUSTY COLOR
<input checked="" type="checkbox"/> 3 WHITE COLOR
Observer's Signature

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	15	30	30	12	55	○	○	○	○	
26	30	25	30	20	12	56	○	○	○	○	
27	15	80	70	50	12 13	57	○	○	○	○	
28	40	30	20	20	13	58	○	○	○	○	
29	15	5	0	0	13	59	○	○	○	○	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/7/10
OBSERVER: R. Bingham
START: 8:00 am pm
FINISH: 10:00 am pm
Source:
BOP ROOF MONITORS
Observation Point
TRAINING CENTER PARKING LOT
distance from: 2000'
direction from: ENE
source height:
200'-250'
wind direction WNW
wind speed 5-10 MPH
sky condition CLEAR
amb. temp. (F) 50°-55°
color of emissions
WHITE UNLESS NOTED
other,
Heat Nos.
57398
57399
Remarks;
△ GRAY COLOR
Observer's Signature

8:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	25	20	20	15	1	30	0	0	0	0	
1	15	15	10	5	1	31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
-3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
-20	0	0	0	0		50	5	10	5	5	1
21	0	0	0	0		51	5	0	5	20	1
22	0	0	0	0		52	15	15	0	0	1
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/9/10
OBSERVER: R. Blawie
START: 10:50 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH: am 2:00 <input checked="" type="checkbox"/> pm
Source:
130F ROOF MONITORS
Observation Point
R/R MAINT. BLDG.
N ELEV. CATG 1
distance from: 2000'
direction from: SE
source height:
200'-250'
wind direction WSW
wind speed 5-10 mph
sky condition overcast
amb. temp. (F) 70°-75°
color of emissions
WHITE UNLESS NOTED
other:
- SKY CONDITION CHANGED TO BROKEN AT 1:30
Remarks:
<input checked="" type="checkbox"/> 1 RUSTY COLOR
<input checked="" type="checkbox"/> 2 WHITE/GREY COLOR
+ NORTHERN END OF BOF
Observer's Signature

1:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		30	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		31	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		32	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		33	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		34	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		35	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		36	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		37	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		38	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		39	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		40	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		41	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		42	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		43	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		44	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		45	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		46	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		47	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A	48	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
19	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A	49	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		50	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		51	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		52	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		53	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
24	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		54	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
25	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		55	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
26	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		56	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
27	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		57	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
28	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		58	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
29	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		59	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE:	4/17/10
OBSERVER:	R. BISHOP
START:	10:50 (am) pm
FINISH:	am 2:00 <input checked="" type="checkbox"/>
Source:	130F ROOF MONITORS
Observation Point	R/R MINT. BLDG.
	NEAR GATE 1
distance from:	2000'
direction from:	SE
source height:	200'-250'
wind direction	WSW
wind speed	5-10 MPH
sky condition	overcast
amb. temp. (F)	65°-70°
color of emissions	WHITE UNLESS NOTED
other,	
Remarks:	<input checked="" type="checkbox"/> 1 RUSTY COLOR <input checked="" type="checkbox"/> 2 WHITE/GRAY COLOR
+ NOSEH GATE OF 130F	
Observer's Signature	R. Bishop

12:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	5	5	5	A	33	0	0	0	0	
4	5	0	0	0	A	34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	5	5	0	0	A	47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 4/17/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 4/7/10
OBSERVER: R. BINGHAM
START: 10:50 am pm
FINISH: am 1:00 pm
Source:
BOF ROOF MONITORS
Observation Point
R/R MAIN BLDG.
NEAR GATE 1
distance from: 2000'
direction from: S E
source height:
200'-250'
wind direction WSW
wind speed 5-10 MPH
sky condition OVERCAST
amb. temp. (F) 60°-65°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
<input checked="" type="checkbox"/> A RUSTY COLOR
<input checked="" type="checkbox"/> B WHITE/GREY COLOR
+ NORTH END OF BOF
Observer's Signature

11:00						11:00					
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	5	5	5	A+
4	0	0	0	0		34	5	5	5	0	A+
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	0	0		45	0	0	0	0	
16	0	0	0	0		46	0	0	0	0	
17	0	0	0	0		47	0	0	0	0	
18	0	0	0	0		48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	5	5	5	0	A
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/9/10
OBSERVER: R. Birchard
START: 10:50 <u>am</u> pm
FINISH: am 2:00 <u>pm</u>
Source:
130F ROOF MONITORS
Observation Point
R/R MAINS, BLDG.
NEAR GATE 1
distance from: 2000'
direction from: S E
source height:
200'-250'
wind direction WSW
wind speed 5-10 MPH
sky condition overcast
amb. temp. (F) 60°-65°
color of emissions
WHITE UNLESS NO GO
other:
Heat Nos. 57424 57425
Remarks;
Observer's Signature

10:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0						30					
1						31					
2						32					
3						33					
4						34					
5						35					
6						36					
7						37					
8						38					
9						39					
10						40					
11						41					
12						42					
13						43					
14						44					
15						45					
16						46					
17						47					
18						48					
19						49					
20						50	<input type="checkbox"/>				
21						51	<input type="checkbox"/>				
22						52	<input type="checkbox"/>				
23						53	<input type="checkbox"/>				
24						54	<input type="checkbox"/>				
25						55	<input type="checkbox"/>				
26						56	<input type="checkbox"/>				
27						57	<input type="checkbox"/>				
28						58	<input type="checkbox"/>				
29						59	<input type="checkbox"/>				

Observer's Signature

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/14/10
OBSERVER: R. BINGHAM
START: 8:00 am pm
FINISH: 10:40 am pm
Source:
BOF ROOF MONITORS
Observation Point
R/R MAINT. BLDG
NEAR GATE 1
distance from: 2000'
direction from: SE
source height:
200-250'
wind direction N
wind speed 0-5 mph
sky condition OVERCAST
amb. temp. (F) 70-75°
color of emissions
UNKWN UNLESS NOTED
other;
Remarks:
(A) RUSTY COLOR
+ NORTHERN END OF BOF
- SOUTHERN END OF BOF
Observer's Signature

10:40											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	0	0	
2	0	0	0	0		32	0	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	6	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40					
11	0	0	0	0		41					
12	0	0	0	0		42					
13	0	0	0	0		43					
14	0	0	0	0		44					
15	0	0	0	0		45					
16	0	0	0	0		46					
17	0	0	0	0		47					
18	0	0	0	0		48					
19	0	0	0	0		49					
20	0	0	0	0		50					
21	0	0	0	0		51					
22	0	0	0	0		52					
23	0	0	0	0		53					
24	0	0	0	0		54					
25	0	0	0	0		55					
26	0	0	0	0		56					
27	0	0	0	0		57					
28	0	0	0	0		58					
29	0	0	0	0		59					

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/14/10
OBSERVER: R. BINGHAM
START: 8:00 am pm
FINISH: 10:40 am pm
Source:
BOF ROOF MONITORS
Observation Point
R/R MAINT. BLDG.
NEAR GATE 1
distance from: 2000'
direction from: SSW
source height:
200-250'
wind direction SSW
wind speed 0-5 MPH
sky condition overcast
amb. temp. (F) 65-70°
color of emissions
UNLESS OTHERWISE NOTED
other,
LIGHT RAIN STARTED AT 7:12
Remarks:
<input checked="" type="checkbox"/> RUSTY COLOR
+NORTH END OF BOF
-SOUTH END OF BOF
Observer's Signature

9:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	0	0	0	0		30	0	0	0	0	
1	0	0	0	0		31	0	0	5	5	
2	0	0	0	0		32	5	0	0	0	
3	0	0	0	0		33	0	0	0	0	
4	0	0	0	0		34	0	0	0	0	
5	0	0	0	0		35	0	0	0	0	
6	0	0	0	0		36	0	0	0	0	
7	0	0	0	0		37	0	0	0	0	
8	0	0	0	0		38	0	0	0	0	
9	0	0	0	0		39	0	0	0	0	
10	0	0	0	0		40	0	0	0	0	
11	0	0	0	0		41	0	0	0	0	
12	0	0	0	0		42	0	0	0	0	
13	0	0	0	0		43	0	0	0	0	
14	0	0	0	0		44	0	0	0	0	
15	0	0	15	20	▲-	45	0	0	0	0	
16	20	20	20	20	▲-	46	0	0	0	0	
17	15	15	10	5	▲-	47	0	0	0	0	
18	5	0	0	0	▲-	48	0	0	0	0	
19	0	0	0	0		49	0	0	0	0	
20	0	0	0	0		50	0	0	0	0	
21	0	0	0	0		51	0	0	0	0	
22	0	0	0	0		52	0	0	0	0	
23	0	0	0	0		53	0	0	0	0	
24	0	0	0	0		54	0	0	0	0	
25	0	0	0	0		55	0	0	0	0	
26	0	0	0	0		56	0	0	0	0	
27	0	0	0	0		57	0	0	0	0	
28	0	0	0	0		58	0	0	0	0	
29	0	0	0	0		59	0	0	0	0	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/14/10
OBSERVER: R. DINGHAM
START: 8:00 am pm
FINISH: 10:40 am pm
Source:
BOF ROOF MONITORS
Observation Point
R/R MINT. BLDG.
NEAR GATE 1
distance from: 2000'
direction from: SE
source height:
200-250'
wind direction W
wind speed 0-5 MPH
sky condition overcast
amb. temp. (F) 65°-70°
color of emissions
BLACK UNLESS NOTED
other:
Heat Nos.
MAIN 57490
18329
MAIN 16330
Remarks:
rusty color
trashed end of BOF
Observer's Signature

8:00											
MIN	0	15	30	45	REMARKS	MIN	0	15	30	45	REMARKS
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	5	10	10	5	A+
24	○	○	○	○		54	5	10	5	5	A+
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date 4/7/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/22/10
OBSERVER: R. BINGHAM
START: 10:00 am pm
FINISH: am 12:00 pm
Source:
BOF ROOF MONITORS
Observation Point
R/R MINT. BLDG. NEAR GATE 1
distance from: 2000'
direction from: SE
source height:
200 - 250'
wind direction W
wind speed 15-20 MPH
sky condition OVERCAST/BROKEN
amb. temp. (F) 75°-80°
color of emissions
WHITE UNLESS NOTED
other:
Remarks:
(1) RUSTY COLOR
(2) WHITE/GRAY COLOR
Observer's Signature

11:00					REMARKS	11:00					REMARKS
MIN	0	15	30	45		MIN	0	15	30	45	
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	5	○	○		36	○	○	○	○	
7	○	○	15	15	▲	37	○	○	○	○	
8	20	15	20	20	▲	38	○	○	○	○	
9	25	15	15	10	▲ ▲	39	○	○	○	○	
10	10	15	10	5	▲ 2	40	○	○	○	○	
11	5	○	○	○	▲	41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Observer's Signature

R.Bing

Last Certification Date 4/27/10

SEVERSTAL NORTH AMERICA, INC. VISIBLE EMISSIONS EVALUATION FORM

DATE: 6/22/10
OBSERVER: R. Bingham
START: 10:00 <input checked="" type="checkbox"/> am <input type="checkbox"/> pm
FINISH: am 12:00 <input checked="" type="checkbox"/> pm
Source:
BOF ROOF MONITORS
Observation Point
R/R MAINT BLDL. NOON
GATE 1
distance from: 2000'
direction from: SE
source height:
200'-250'
wind direction W
wind speed 15-20 mph
sky condition overcast/broken
amb. temp. (F) 75°-80°
color of emissions
WHITE UNLESS NOTED
other:
Heat Nos.
18436
57594
Remarks:
Observer's Signature

RECEIVED											
JUL 21 2010											
MIN	AIR EMISSIONS BRANCH					MIN	REMARKS				
	0	15	30	45	PM		0	15	30	45	PM
0	○	○	○	○		30	○	○	○	○	
1	○	○	○	○		31	○	○	○	○	
2	○	○	○	○		32	○	○	○	○	
3	○	○	○	○		33	○	○	○	○	
4	○	○	○	○		34	○	○	○	○	
5	○	○	○	○		35	○	○	○	○	
6	○	○	○	○		36	○	○	○	○	
7	○	○	○	○		-37	○	○	○	○	
8	○	○	○	○		38	○	○	○	○	
9	○	○	○	○		39	○	○	○	○	
10	○	○	○	○		40	○	○	○	○	
11	○	○	○	○		41	○	○	○	○	
12	○	○	○	○		42	○	○	○	○	
13	○	○	○	○		43	○	○	○	○	
14	○	○	○	○		44	○	○	○	○	
15	○	○	○	○		45	○	○	○	○	
16	○	○	○	○		46	○	○	○	○	
17	○	○	○	○		47	○	○	○	○	
18	○	○	○	○		48	○	○	○	○	
19	○	○	○	○		49	○	○	○	○	
20	○	○	○	○		50	○	○	○	○	
21	○	○	○	○		51	○	○	○	○	
22	○	○	○	○		52	○	○	○	○	
23	○	○	○	○		53	○	○	○	○	
24	○	○	○	○		54	○	○	○	○	
25	○	○	○	○		55	○	○	○	○	
26	○	○	○	○		56	○	○	○	○	
27	○	○	○	○		57	○	○	○	○	
28	○	○	○	○		58	○	○	○	○	
29	○	○	○	○		59	○	○	○	○	

Last Certification Date 4/7/10